

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

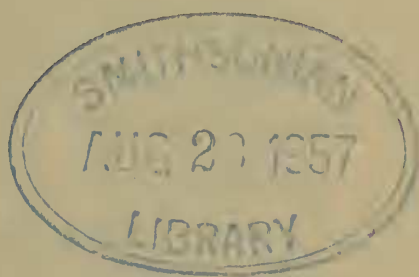
Edited by

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Secretary to the Commission

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OPINION 470

Addition to the *Official List of Generic Names in Zoology*
of the names of one hundred and two genera of Caridea
(Class Crustacea, Order Decapoda) and use of the
Plenary Powers for various purposes in connection
therewith



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OPINION 470

ADDITION TO THE "OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY" OF THE NAMES OF ONE HUNDRED AND TWO GENERA OF CARIDEA (CLASS CRUSTACEA, ORDER DECAPODA) AND USE OF THE PLENARY POWERS FOR VARIOUS PURPOSES IN CONNECTION THEREWITH

RULING :—(1) The following action is hereby taken under the Plenary Powers :—

(a) The under-mentioned emendations are hereby validated :—

- (i) the emendation to *Gnathophyllum* of the generic name *Gnatophyllum* Latreille, 1819 ;
- (ii) the emendation to *anophthalmus* of the specific name *anophthalmus* Kollar, 1848, as published in the combination *Palaemon anophthalmus*.

(b) It is hereby directed that the family-group name HIPPOLYTIDAE Bate, 1888, is not to be rejected in favour of :—

- (i) the family-group name LYSMATINAE Dana, 1852, by any author who on taxonomic grounds places the genus *Lysmata* Risso, 1816, in the same family-group taxon as *Hippolyte* [Leach], [1814] ;
- (ii) the family-group name THORINAE Kingsley, 1878, by any author who on taxonomic grounds places the genus *Thor* Kingsley, 1878, in the same family-group taxon as *Hippolyte* [Leach], [1814].

- (c) The family-group name GOMPHONOTIDAE Chace, 1936 (type genus : *Gomphonotus* Chace, 1936) is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy.

(2) It is hereby ruled that the specific name *paronae* Nobili, 1905, as published in the combination *Latreutes paronae*, being a name based upon the modern patronymic "Parona" for a male person is, under the *Règles*, subject to automatic correction to *paronai*.

(3) The under-mentioned names of genera belonging to the Order Decapoda (Class Crustacea) are hereby placed on the *Official List of Generic Names in Zoology* with the Name Numbers severally specified below :—

- (i) *Alope* White, 1847 (gender : feminine) (type species by monotypy : *Alope palpalis* White, 1847) (Name No. 1083) ;
- (ii) *Anchistioides* Paulson, 1875 (gender : masculine) (type species, by monotypy : *Anchistioides compressus* Paulson, 1875) (Name No. 1084) ;
- (iii) *Anchistus* Borradaile, 1898 (gender : masculine) (type species, by original designation : *Harpilius miersi* De Man, 1888) (Name No. 1085) ;
- (iv) *Arete* Stimpson, 1860 (gender : feminine) (type species, by monotypy : *Arete dorsalis* Stimpson, 1860) (Name No. 1086) ;
- (v) *Argis* Krøyer, 1842 (gender : feminine) (type species, by monotypy : *Crangon lar* Owen, 1839) (Name No. 1087) ;
- (vi) *Athanas* [Leach], [1814] (gender : masculine) (type species, by monotypy : *Palaemon nitescens* [Leach], [1814]) (Name No. 1088) ;

- (vii) *Atya* Leach, 1816 (gender : feminine) (type species, by monotypy : *Atys scaber* Leach, 1815) (Name No. 1089) ;
- (viii) *Atyella* Calman, 1906 (gender : feminine) (type species, by original designation : *Atyella brevirostris* Calman, 1906) (Name No. 1090) ;
- (ix) *Automate* De Man, 1888 (gender : feminine) (type species, by monotypy : *Automate dolichognatha* De Man, 1888) (Name No. 1091) ;
- (x) *Balssia* Kemp, 1922 (gender : feminine) (type species, by monotypy : *Amphipalaemon gasti* Balss, 1921) (Name No. 1092) ;
- (xi) *Barbouria* Rathbun, 1912 (gender : feminine) (type species, by monotypy : *Barbouria poeyi* Rathbun, 1912) (Name No. 1093) ;
- (xii) *Bathypalaemonella* Balss, 1914 (gender : feminine) (type species, by monotypy : *Bathypalaemonella zimmeri* Balss, 1914) (Name No. 1094) ;
- (xiii) *Betaeus* Dana, 1852 (gender : masculine) (type species, by selection by Fowler (1912) : *Betaeus truncatus* Dana, 1852) (Name No. 1095) ;
- (xiv) *Birulia* Brashnikov, 1903 (gender : feminine) (type species, by monotypy : *Birulia sachalinensis* Brashnikov, 1903) (Name No. 1096) ;
- (xv) *Brachycarpus* Bate, 1888 (gender : masculine) (type species, by original designation : *Brachycarpus savignyi* Bate, 1888) (Name No. 1097) ;
- (xvi) *Bresilia* Calman, 1896 (gender : feminine) (type species, by monotypy : *Bresilia atlantica* Calman, 1896) (Name No. 1098) ;

- (xvii) *Bythocaris* Sars (G.O.), 1870 (gender : feminine) (type species, by monotypy : *Bythocaris simplicirostris* Sars (G.O.), 1870) (Name No. 1099) ;
- (xviii) *Campylonotus* Bate, 1888 (gender : masculine) (type species, by selection by Holthuis (1955) : *Campylonotus semistriatus* Bate, 1888) (Name No. 1100) ;
- (xix) *Caridella* Calman, 1906 (gender : feminine) (type species, by original designation : *Caridella cunningtoni* Calman, 1906) (Name No. 1101) ;
- (xx) *Caridina* Milne Edwards (H.), 1837 (gender : feminine) (type species, by indication under Rule (b) in Article 30 : *Caridina typus* Milne Edwards (H.), 1837) (Name No. 1102) ;
- (xxi) *Caridion* Goës, 1863 (gender : neuter) (a substitute name for *Doryphorus* Norman 1861, a junior homonym of *Doryphorus* Cuvier, 1829) (type species, by monotypy through *Doryphorus* Norman, 1861 : *Hippolyte gordonii* Bate, 1858) (Name No. 1103) ;
- (xxii) *Chlorocurtis* Kemp, 1925 (gender : masculine) (type species, by monotypy : *Chlorocurtis miser* Kemp, 1925) (Name No. 1104) ;
- (xxiii) *Chlorotocella* Balss, 1914 (gender : feminine) (type species, by monotypy : *Chlorotocella gracilis* Balss, 1914) (Name No. 1105) ;
- (xxiv) *Chlorotocoides* Kemp, 1925 (gender : masculine) (type species, by monotypy : *Chlorotocus spinicauda* De Man, 1902) (Name No. 1106) ;
- (xxv) *Chlorotocus* Milne Edwards (A.), 1882 (gender : masculine) (type species, by monotypy : *Chlorotocus gracilipes* Milne Edwards (A.), 1882) (Name No. 1107) ;

- (xxvi) *Chorismus* Bate, 1888 (gender : masculine)
(type species, by selection by Calman
(1907) : *Chorismus tuberculatus* Bate, 1888)
(Name No. 1108) ;
- (xxvii) *Coralliocaris* Stimpson, 1860 (gender : feminine)
(a substitute name for *Oedipus* Dana,
1852, a junior homonym of *Oedipus*
Berthold, 1827) (type species, by selection by
Kingsley (1880) : *Oedipus superbus* Dana,
1852) (Name No. 1109) ;
- (xxviii) *Coutierea* Nobili, 1901 (gender : feminine)
(type species, by monotypy : *Coralliocaris*
agassizi Coutière, 1901) (Name No. 1110) ;
- (xxix) *Cryptocheles* Sars (G.O.), 1870 (gender :
feminine) (type species, by monotypy :
Cryptocheles pygmaea Sars (G.O.), 1870)
(Name No. 1111) ;
- (xxx) *Dasycaris* Kemp, 1922 (gender : feminine)
(type species, by monotypy : *Dasycaris*
symbiotes Kemp, 1922) (Name No. 1112) ;
- (xxxi) *Desmocarid* Sollaud, 1911 (gender : feminine)
(type species, by monotypy : *Palaemonetes*
trispinosus Aurivillius, 1898) (Name No.
1113) ;
- (xxxii) *Dichelopandalus* Caullery, 1896 (gender : mas-
culine) (type species, by monotypy :
Dichelopandalus bonnieri Caullery, 1896)
(Name No. 1114) ;
- (xxxiii) *Dorodotes* Bate, 1888 (gender : masculine)
(type species, by selection by Holthuis
(1955) : *Dorodotes reflexus* Bate, 1888)
(Name No. 1115) ;
- (xxxiv) *Dugastella* Bouvier, 1912 (gender : feminine)
(type species, by monotypy : *Dugastella*
marocana Bouvier, 1912) (Name No. 1116) ;

- (xxxv) *Ephyrina* Smith (S.I.), 1885 (gender : feminine) (type species, by monotypy : *Ephyrina benedicti* Smith (S.I.), 1885) (Name No. 1117) ;
- (xxxvi) *Eugonatonotus* Schmitt, 1926 (gender : masculine) (a substitute name for *Gonatonotus* Milne Edwards (A.), 1881, a junior homonym of *Gonatonotus* Adams & White, 1847) (type species, by monotypy through *Gonatonotus* Milne Edwards (A.), 1881 : *Gonatonotus crassus* Milne Edwards (A.), 1881) (Name No. 1118) ;
- (xxxvii) *Gelastocaris* Kemp, 1914 (gender : feminine) (type species, by monotypy : *Latreutes paronai* (automatic correction of *paronae*) Nobili, 1905) (Name No. 1119) ;
- (xxxviii) *Glyphocrangon* Milne Edwards (A.), 1881 (gender : feminine) (type species, by original designation : *Glyphocrangon spinicauda* Milne Edwards (A.), 1881) (Name No. 1120) ;
- (xxxix) *Gnathophyllum* (emend. under the Plenary Powers in (1)(a) above of *Gnatophyllum*) Latreille, 1819 (gender : neuter) (type species, by selection by Milne Edwards (H.) (1837) : *Alpheus elegans* Risso, 1816) (Name No. 1121) ;
- (xl) *Heptacarpus* Holmes, 1900 (gender : masculine) (type species, by original designation : *Hippolyte palpator* Owen, 1839) (Name No. 1122) ;
- (xli) *Heterocarpoides* De Man, 1917 (gender : masculine) (type species, by monotypy : *Dorodotes levicarina* Bate, 1888) (Name No. 1123) ;
- (xlii) *Heterocarpus* Milne Edwards (A.), 1881 (gender : masculine) (type species, by

original designation : *Heterocarpus ensifer* Milne Edwards (A.), 1881) (Name No. 1124) ;

- (xliii) *Hippolysmata* Stimpson, 1860 (gender : feminine) (type species, by monotypy : *Hippolysmata vittata* Stimpson, 1860) (Name No. 1125) ;
- (xliv) *Hippolyte* [Leach], [1814] (gender : feminine) (type species, by subsequent selection by Leach ([1817]) : *Hippolyte varians* [Leach], [1814]) (Name No. 1126) ;
- (xlv) *Hymenodora* Sars (G.O.), 1877 (gender : feminine) (type species, by monotypy : *Pasiphaë glacialis* Buchholz, 1874) (Name No. 1127) ;
- (xlvi) *Latreutes* Stimpson, 1860 (gender : masculine) (type species, by selection by Kingsley (1880) : *Hippolyte ensiferus* Milne Edwards (H.), 1837) (Name No. 1128) ;
- (xlvii) *Leontocaris* Stebbing, 1905 (gender : feminine) (type species, by monotypy : *Leontocaris paulsoni* Stebbing, 1905) (Name No. 1129) ;
- (xlviii) *Leptochela* Stimpson, 1860 (gender : feminine) (type species, by selection by Holthuis (1955) : *Leptochela gracilis* Stimpson, 1860) (Name No. 1130) ;
- (xlix) *Ligur* Sarato, 1885 (gender : masculine) (type species, by monotypy : *Ligur edwardsii* Sarato, 1885) (Name No. 1131) ;
- (l) *Limnocaridella* Bouvier, 1913 (gender : feminine) (type species, by monotypy : *Limnocaridina alberti* Lenz, 1910) (Name No. 1132) ;
- (li) *Limnocaridina* Calman, 1899 (gender : feminine) (type species, by monotypy : *Limnocaridina tanganyikae* Calman, 1899) (Name No. 1133) ;

- (lii) *Merguia* Kemp, 1914 (gender : feminine)
(type species, by monotypy : *Hippolyte oligodon* De Man, 1888) (Name No. 1134) ;
- (liii) *Merhippolyte* Bate, 1888 (gender : feminine)
(type species, by original designation : *Merhippolyte agulhasensis* Bate, 1888)
(Name No. 1135) ;
- (liv) *Micratya* Bouvier, 1913 (gender : feminine)
(type species, by monotypy : *Atya poeyi* Guérin-Méneville, 1856) (Name No. 1136) ;
- (lv) *Mimocaris* Nobili, 1903 (gender : feminine)
(type species, by monotypy : *Mimocaris heterocarpoides* Nobili, 1903) (Name No. 1137) ;
- (lvi) *Nauticaris* Bate, 1888 (gender : feminine)
(type species, by selection by Calman (1906) : *Nauticaris marionis* Bate, 1888)
(Name No. 1138) ;
- (lvii) *Nematocarcinus* Milne Edwards (A.), 1881
(gender : masculine) (type species, by monotypy : *Nematocarcinus cursor* Milne Edwards (A.), 1881) (Name No. 1139) ;
- (lviii) *Nikoides* Paulson, 1875 (gender : masculine)
(type species, by monotypy : *Nikoides danae* Paulson, 1875) (Name No. 1140) ;
- (lix) *Notocrangon* Coutière, 1900 (gender : feminine)
(type species, by monotypy : *Crangon antarcticus* Pfeffer, 1887) (Name No. 1141) ;
- (lx) *Notostomus* Milne Edwards (A.), 1881 (gender : masculine)
(type species, by original designation : *Notostomus gibbosus* Milne Edwards (A.), 1881) (Name No. 1142) ;

- (lxi) *Ogyrides* Stebbing, 1914 (gender : masculine)
(a substitute name for *Ogyris* Stimpson, 1860, a junior homonym of *Ogyris* Westwood, [1851]) (type species, by monotypy, through *Ogyris* Stimpson : *Ogyris orientalis* Stimpson, 1860) (Name No. 1143) ;
- (lxii) *Oplophorus* Milne Edwards (H.), 1837 (gender : masculine) (type species, by indication under Rule (b) in Article 30 : *Oplophorus typus* Milne Edwards (H.), 1837) (Name No. 1144) ;
- (lxiii) *Palaemonella* Dana, 1852 (gender : feminine) (type species, by selection by Kingsley (1880) : *Palaemonella tenuipes* Dana, 1852) (Name No. 1145) ;
- (lxiv) *Palaemonetes* Heller, 1869 (gender : masculine) (type species, by monotypy : *Palaemon varians* [Leach], [1814]) (Name No. 1146) ;
- (lxv) *Palaemonias* Hay, 1901 (gender : masculine) (type species, by monotypy : *Palaemonias ganteri* Hay, 1901) (Name No. 1147) ;
- (lxvi) *Pandalina* Calman, 1899 (gender : feminine) (type species, by monotypy : *Pandalus brevirostris* Rathke, 1843) (Name No. 1148) ;
- (lxvii) *Pantomus* Milne Edwards (A.), 1883 (gender : masculine) (type species, by monotypy : *Pantomus parvulus* Milne Edwards (A.), 1883) (Name No. 1149) ;
- (lxviii) *Paracrangon* Dana, 1852 (gender : feminine) (type species, by monotypy : *Paracrangon echinatus* Dana, 1852) (Name No. 1150) ;
- (lxvix) *Paralatreutes* Kemp, 1925 (gender : masculine) (type species, by monotypy : *Paralatreutes bicornis* Kemp, 1925) (Name No. 1151) ;

- (lxx) *Parapandalus* Borradaile, 1899 (gender : masculine) (type species, by selection by Alcock, (1901) : *Pandalus* (*Parapandalus*) *serratifrons* Borradaile, 1899) (Name No. 1152) ;
- (lxxi) *Parapasiphaë* Smith (S.I.), 1884 (gender : feminine) (type species, by selection by Fowler, (1912) : *Parapasiphaë* *sulcatifrons* Smith (S.I.), 1884) (Name No. 1153) ;
- (lxxii) *Paratya* Miers, 1882 (gender : feminine) (type species, by monotypy : *Ephyra compressa* De Haan, [1849]) (Name No. 1154) ;
- (lxxiii) *Paratypton* Balss, 1914 (gender : masculine) (type species, by monotypy : *Paratypton siebenrocki* Balss, 1914) (Name No. 1155) ;
- (lxxiv) *Pasiphaea* Savigny, 1816 (gender : feminine) (type species, by monotypy : *Alpheus sivado* Risso, 1816) (Name No. 1156) ;
- (lxxv) *Periclimenaeus* Borradaile, 1915 (gender : masculine) (type species, by selection by Borradaile, (1917) : *Periclimenaeus robustus* Borradaile, 1915) (Name No. 1157);
- (lxxvi) *Periclimenes* Costa, 1844 (gender : masculine) (type species, by monotypy ; *Periclimenes insignis* Costa, 1844) (Name No. 1158) ;
- (lxxvii) *Phycocaris* Kemp, 1916 (gender : feminine) (type species, by monotypy : *Phycocaris simulans* Kemp, 1916) (Name No. 1159) ;
- (lxxviii) *Phyllognathia* Borradaile, 1915 (gender : feminine) (type species, by monotypy : *Hymenocera* (?) *ceratophthalma* Balss, 1913) (Name No. 1160) ;
- (lxxix) *Plesionika* Bate, 1888 (gender : feminine) (type species, by selection by Alcock, (1901) : *Plesionika uniproducta* Bate, 1888) (Name No. 1161) ;

- (lxxx) *Pontocaris* Bate, 1888 (gender : feminine) (type species, by selection by Holthuis, (1947) : *Pontocaris propensalata* Bate, 1888) (Name No. 1162) ;
- (lxxxii) *Pontonides* Borradaile, 1917 (gender : masculine) (type species, by monotypy : *Pontonia maldivensis* Borradaile, 1915) (Name No. 1163) ;
- (lxxxiii) *Prionocrangon* Wood Mason & Alcock, 1891 (gender : feminine) (type species, by monotypy : *Prionocrangon ommatosteres* Wood Mason & Alcock, 1891) (Name No. 1164) ;
- (lxxxiv) *Psolidopus* Wood Mason & Alcock, 1892 (gender : masculine) (type species, by selection by Holthuis, (1955) : *Psolidopus huxleyi* Wood Mason & Alcock, 1892) (Name No. 1165) ;
- (lxxxv) *Psathyrocaris* Wood Mason & Alcock, 1893 (gender : feminine) (type species, by monotypy : *Psathyrocaris fragilis* Wood Mason & Alcock, 1893) (Name No. 1166) ;
- (lxxxvi) *Pseudopalaemon* Sollaud, 1911 (gender : masculine) (type species, by monotypy : *Pseudopalaemon bouvieri* Sollaud, 1911) (Name No. 1167) ;
- (lxxxvii) *Rhynchocinetes* Milne Edwards (H.), 1837 (gender : masculine) (type species, by indication under Rule (b) in Article 30 : *Rhynchocinetes typus* Milne Edwards (H.), 1837) (Name No. 1168) ;
- (lxxxviii) *Sabinea* Ross (J.C.), 1835 (gender : feminine) (type species, by monotypy : *Crangon septemcarinatus* Sabine, 1824) (Name No. 1169) ;
- (lxxxix) *Saron* Thallwitz, 1891 (gender : masculine) (type species, by monotypy : *Hippolyte gibberosus* Milne Edwards (H.), 1837) (Name No. 1170) ;

- (lxxxix) *Sclerocrangon* Sars (G.O.), 1883 (gender : feminine) (type species, by monotypy : *Cancer boreas* Phipps, 1774) (Name No. 1171) ;
- (xc) *Stegopontonia* Nobili, 1906 (gender : feminine) (type species, by monotypy : *Stegopontonia commensalis* Nobili, 1906) (Name No. 1172) ;
- (xci) *Stylodactylus* Milne Edwards (A.), 1881 (gender : masculine) (type species, by monotypy : *Stylodactylus serratus* Milne Edwards (A.), 1881) (Name No. 1173) ;
- (xcii) *Synalpheus* Bate, 1888 (gender : masculine) (type species, by monotypy : *Synalpheus falcatus* Bate, 1888) (Name No. 1174) ;
- (xciii) *Syncaris* Holmes, 1900 (gender : feminine) (type species, by original designation : *Miersia pacifica* Holmes, 1895) (Name No. 1175) ;
- (xciv) *Systellaspis* Bate, 1888 (gender : feminine) (type species, by original designation : *Systellaspis lanceocaudata* Bate, 1888) (Name No. 1176) ;
- (xcv) *Thalassocaris* Stimpson, 1860 (gender : feminine) (a substitute name for *Regulus* Dana, 1852, a junior homonym of *Regulus* Cuvier (G.L.C.F.D.), 1800) (type species, by selection by Kingsley, (1880) : *Regulus lucidus* Dana, 1852) (Name No. 1177) ;
- (xcvi) *Thaumastocaris* Kemp, 1922 (gender : feminine) (type species, by monotypy : *Thaumastocaris streptopus* Kemp, 1922) (Name No. 1178) ;
- (xcvii) *Thor* Kingsley, 1878 (gender : masculine) (type species, by monotypy : *Thor floridanus* Kingsley, 1878) (Name No. 1179) ;

- (xcviii) *Trachycaris* Calman, 1906 (gender : feminine) (type species, by monotypy : *Platybema rugosus* Bate, 1888) (Name No. 1180) ;
- (xcix) *Troglocaris* Dormitzer, 1853 (gender : feminine) (type species, by monotypy : *Troglocaris schmidtii* Dormitzer, 1853) (Name No. 1181) ;
- (c) *Typhlocaris* Calman, 1909 (gender : feminine) (type species, by monotypy : *Typhlocaris galilea* Calman, 1909) (Name No. 1182) ;
- (ci) *Typton* Costa, 1844 (gender : masculine) (type species, by monotypy : *Typton spongicola* Costa, 1844) (Name No. 1183) ;
- (cii) *Xiphocaris* Von Martens, 1872 (gender : feminine) (type species, by monotypy : *Hippolyte elongatus* Guérin-Méneville, 1856) (Name No. 1184).

(4) The under-mentioned specific names, being the specific names of species which are the type species of genera belonging to the Order Decapoda (Class Crustacea) placed on the *Official List of Generic Names in Zoology* under (3) above, are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

- (i) *agassizi* Coutière, 1901, as published in the combination *Coralliocaris agassizi* (specific name of type species of *Coutierea* Nobili, 1901) (Name No. 1163) ;
- (ii) *agulhasensis* Bate, 1888, as published in the combination *Merhippolyte agulhasensis* (specific name of type species of *Merhippolyte* Bate, 1888) (Name No. 1164) ;
- (iii) *alberti* Lenz, 1910, as published in the combination *Limnocaridina alberti* (specific name of type species of *Limnocaridella* Bouvier, 1913) (Name No. 1165) ;

- (iv) *antarcticus* Pfeffer, 1887, as published in the combination *Crangon antarcticus* (specific name of type species of *Notocrangon* Coutière, 1900) (Name No. 1166) ;
- (v) *atlantica* Calman, 1896, as published in the combination *Bresilia atlantica* (specific name of type species of *Bresilia* Calman, 1896) (Name No. 1167) ;
- (vi) *benedicti* Smith (S.I.), 1885, as published in the combination *Ephyrina benedicti* (specific name of type species of *Ephyrina* Smith (S.I.), 1885) (Name No. 1168) ;
- (vii) *bicornis* Kemp, 1925, as published in the combination *Paralatreutes bicornis* (specific name of type species of *Paralatreutes* Kemp, 1925) (Name No. 1169) ;
- (viii) *bonnieri* Caullery, 1896, as published in the combination *Dichelopandalus bonnieri* (specific name of type species of *Dichelopandalus* Caullery, 1896) (Name No. 1170) ;
- (ix) *boreas* Phipps, 1774, as published in the combination *Cancer boreas* (specific name of type species of *Sclerocrangon* Sars (G.O.), 1883) (Name No. 1171) ;
- (x) *bouvieri* Sollaud, 1911, as published in the combination *Pseudopalaemon bouvieri* (specific name of type species of *Pseudopalaemon* Sollaud, 1911) (Name No. 1172) ;
- (xi) *brevirostris* Rathke, 1843, as published in the combination *Pandalus brevirostris* (specific name of type species of *Pandalina* Calman, 1899) (Name No. 1173) ;
- (xii) *brevirostris* Calman, 1906, as published in the combination *Atyella brevirostris* (specific name of type species of *Atyella* Calman, 1906) (Name No. 1174) ;

- (xiii) *ceratophthalma* Balss, 1913, as published in the combination *Hymenocera* (?) *ceratophthalma* (specific name of type species of *Phyllognathia* Borradaile, 1915) (Name No. 1175) ;
- (xiv) *commensalis* Nobili, 1906, as published in the combination *Stegopontonia commensalis* (specific name of type species of *Stegopontonia* Nobili, 1906) (Name No. 1176) ;
- (xv) *compressa* De Haan, [1849], as published in the combination *Ephyra compressa* (specific name of type species of *Paratya* Miers, 1882) (Name No. 1177) ;
- (xvi) *compressus* Paulson, 1875, as published in the combination *Anchistioides compressus* (specific name of type species *Anchistioides* Paulson, 1875) (Name No. 1178) ;
- (xvii) *crassus* Milne Edwards (A.), 1881, as published in the combination *Gonatonotus crassus* (specific name of type species of *Eugonatonotus* Schmitt, 1926) (Name No. 1179) ;
- (xviii) *cunningtoni* Calman, 1906, as published in the combination *Caridella cunningtoni* (specific name of type species of *Caridella* Calman, 1906) (Name No. 1180) ;
- (xix) *cursor* Milne Edwards (A.), 1881, as published in the combination *Nematocarcinus cursor* (specific name of type species of *Nematocarcinus* Milne Edwards (A.), 1881) (Name No. 1181);
- (xx) *danae* Paulson, 1875, as published in the combination *Nikoides danae* (specific name of type species of *Nikoides* Paulson, 1875) (Name No. 1182) ;

- (xxi) *dolichognatha* De Man, 1888, as published in the combination *Automate dolichognatha* (specific name of type species of *Automate* De Man, 1888) (Name No. 1183) ;
- (xxii) *dorsalis* Stimpson, 1860, as published in the combination *Arete dorsalis* (specific name of type species of *Arete* Stimpson, 1860) (Name No. 1184) ;
- (xxiii) *echinatus* Dana, 1852, as published in the combination *Paracrangon echinatus* (specific name of type species of *Paracrangon* Dana, 1852) (Name No. 1185);
- (xxiv) *elegans* Risso, 1816, as published in the combination *Alpheus elegans* (specific name of type species of *Gnathophyllum* (emend. under the Plenary Powers in (1)(a) above of *Gnatophyllum*) Latreille, 1819) (Name No. 1186) ;
- (xxv) *elongatus* Guérin-Méneville, 1856, as published in the combination *Hippolyte elongatus* (specific name of type species of *Xiphocaris* Von Martens, 1872) (Name No. 1187) ;
- (xxvi) *ensifer* Milne Edwards (A.), 1881, as published in the combination *Heterocarpus ensifer* (specific name of type species of *Heterocarpus* Milne Edwards (A.), 1881) (Name No. 1188) ;
- (xxvii) *floridanus* Kingsley, 1878, as published in the combination *Thor floridanus* (specific name of type species of *Thor* Kingsley, 1878) (Name No. 1189) ;
- (xxviii) *fragilis* Wood Mason & Alcock, 1893, as published in the combination *Psathyrocaris fragilis* (specific name of type species of *Psathyrocaris* Wood Mason & Alcock, 1893) (Name No. 1190) ;

- (xxix) *galilea* Calman, 1909, as published in the combination *Typhlocaris galilea* (specific name of type species of *Typhlocaris* Calman, 1909) (Name No. 1191) ;
- (xxx) *ganteri* Hay, 1901, as published in the combination *Palaemonias ganteri* (specific name of type species of *Palaemonias* Hay, 1901) (Name No. 1192) ;
- (xxxi) *gasti* Balss, 1921, as published in the combination *Amphipalaemon gasti* (specific name of type species of *Balssia* Kemp, 1922) (Name No. 1193);
- (xxxii) *gibbosus* Milne Edwards (A.), 1881, as published in the combination *Notostomus gibbosus* (specific name of type species of *Notostomus* Milne Edwards (A.), 1881) (Name No. 1194) ;
- (xxxiii) *glacialis* Buchholz, 1874, as published in the combination *Pasiphaë glacialis* (specific name of type species of *Hymenodora* Sars (G.O.), 1877) (Name No. 1195) ;
- (xxxiv) *gordoni* Bate, 1858, as published in the combination *Hippolyte gordoni* (specific name of type species of *Caridion* Goës, 1863) (Name No. 1196);
- (xxxv) *gracilis* Balss, 1914, as published in the combination *Chlorotocella gracilis* (specific name of type species of *Chlorotocella* Balss, 1914) (Name No. 1197) ;
- (xxxvi) *gracilis* Stimpson, 1860, as published in the combination *Leptochela gracilis* (specific name of type species of *Leptochela* Stimpson, 1860) (Name No. 1198) ;
- (xxxvii) *heterocarpoides* Nobili, 1903, as published in the combination *Mimocaris heterocarpoides* (specific name of type species of *Mimocaris* Nobili, 1903) (Name No. 1199) ;

- (xxxviii) *huxleyi* Wood Mason & Alcock, 1892, as published in the combination *Psalidopus huxleyi* (specific name of type species of *Psalidopus* Wood Mason & Alcock, 1892) (Name No. 1200) ;
- (xxxix) *lanceocaudata* Bate, 1888, as published in the combination *Systellaspis lanceocaudata* (specific name of type species of *Systellaspis* Bate, 1888) (Name No. 1201) ;
- (xl) *lar* Owen, 1839, as published in the combination *Crangon lar* (specific name of type species of *Argis* Krøyer, 1842) (Name No. 1202) ;
- (xli) *levicarina* Bate, 1888, as published in the combination *Dorodotes levicarina* (specific name of type species of *Heterocarpoides* De Man, 1917) (Name No. 1203) ;
- (xlii) *lucidus* Dana, 1852, as published in the combination *Regulus lucidus* (specific name of type species of *Thalassocaris* Stimpson, 1860) (Name No. 1204) ;
- (xliii) *maldivensis* Borradaile, 1915, as published in the combination *Pontonia maldivensis* (specific name of type species of *Pontonides* Borradaile, 1917) (Name No. 1205) ;
- (xliv) *marionis* Bate, 1888, as published in the combination *Nauticaris marionis* (specific name of type species of *Nauticaris* Bate, 1888) (Name No. 1206) ;
- (xlv) *marocana* Bouvier, 1912, as published in the combination *Dugastella marocana* (specific name of type species of *Dugastella* Bouvier, 1912) (Name No. 1207) ;
- (xlvi) *miersi* De Man, 1888, as published in the combination *Harpilius miersi* (specific name of type species of *Anchistus* Borradaile, 1898) (Name No. 1208) ;

- (xlvii) *nitescens* [Leach], [1814], as published in the combination *Palaemon nitescens* (specific name of type species of *Athanas* [Leach], [1814]) (Name No. 1209) ;
- (xlviii) *oligodon* De Man, 1888, as published in the combination *Hippolyte oligodon* (specific name of type species of *Merguia* Kemp, 1914) (Name No. 1210) ;
- (xlix) *ommatosteres* Wood Mason & Alcock, 1891, as published in the combination *Prionocrangon ommatosteres* (specific name of type species of *Prionocrangon* Wood Mason & Alcock, 1891) (Name No. 1211) ;
 - (l) *orientalis* Stimpson, 1860, as published in the combination *Ogyris orientalis* (specific name of type species of *Ogyrides* Stebbing, 1914) (Name No. 1212) ;
 - (li) *pacifica* Holmes, 1895, as published in the combination *Miersia pacifica* (specific name of type species of *Syncaris* Holmes, 1900) (Name No. 1213) ;
 - (lii) *palpator* Owen, 1839, as published in the combination *Hippolyte palpator* (specific name of type species of *Heptacarpus* Holmes, 1900) (Name No. 1214) ;
 - (liii) *paronai* (automatic correction of *paronae*) Nobili, 1905, as published in the combination *Latreutes paronae* (specific name of type species of *Gelastocaris* Kemp, 1914) (Name No. 1215) ;
 - (liv) *parvulus* Milne Edwards (A.), 1883, as published in the combination *Pantomus parvulus* (specific name of type species of *Pantomus* Milne Edwards (A.), 1883) (Name No. 1216) ;
 - (lv) *paulsoni* Stebbing, 1905, as published in the combination *Leontocaris paulsoni* (specific

name of type species of *Leontocaris* Stebbing, 1905) (Name No. 1217) ;

- (lvi) *poeyi* Guérin-Méneville, 1856, as published in the combination *Atya poeyi* (specific name of type species of *Micratya* Bouvier, 1913) (Name No. 1218) ;
- (lvii) *propensalata* Bate, 1888, as published in the combination *Pontocaris propensalata* (specific name of type species of *Pontocaris* Bate, 1888) (Name No. 1219) ;
- (lviii) *pygmaea* Sars (G.O.), 1870, as published in the combination *Cryptocheles pygmaea* (specific name of type species of *Cryptocheles* Sars (G.O.), 1870) (Name No. 1220) ;
- (lxi) *reflexus* Bate, 1888, as published in the combination *Dorodotes reflexus* (specific name of type species of *Dorodotes* Bate, 1888) (Name No. 1221) ;
- (lx) *robustus* Borradaile, 1915, as published in the combination *Periclimenaeus robustus* (specific name of type species of *Periclimenaeus* Borradaile, 1915) (Name No. 1222);
- (lxi) *sachalinensis* Brashnikov, 1903, as published in the combination *Birulia sachalinensis* (specific name of type species of *Birulia* Brashnikov, 1903) (Name No. 1223) ;
- (lxii) *scaber* Leach, 1815, as published in the combination *Atys scaber* (specific name of type species of *Atya* Leach, 1816) (Name No. 1224) ;
- (lxiii) *semistriatus* Bate, 1888, as published in the combination *Campylonotus semistriatus* (specific name of type species of *Campylonotus* Bate, 1888) (Name No. 1225) ;
- (lxiv) *septemcarinatus* Sabine, 1824, as published in the combination *Crangon septemcarinatus* the (specific name of type species of *Sabinea* Ross (J.C.), 1835) (Name No. 1226) ;

- (lxv) *serratus* Milne Edwards (A.), 1881, as published in the combination *Stylodactylus serratus* (specific name of type species of *Stylodactylus* Milne Edwards (A.), 1881) (Name No. 1227) ;
- (lxvi) *siebenrocki* Balss, 1914, as published in the combination *Paratypton siebenrocki* (specific name of type species of *Paratypton* Balss, 1914) (Name No. 1228) ;
- (lxvii) *simplicirostris* Sars (G.O.), 1870, as published in the combination *Bythocaris simplicirostris* (specific name of type species of *Bythocaris* Sars (G.O.), 1870) (Name No. 1229) ;
- (lxviii) *simulans* Kemp, 1916, as published in the combination *Phycocaris simulans* (specific name of type species of *Phycocaris* Kemp, 1916) (Name No. 1230) ;
- (lxix) *sivado* Risso, 1816, as published in the combination *Alpheus sivado* (specific name of type species of *Pasiphaea* Savigny, 1816) (Name No. 1231) ;
- (lxx) *spinicauda* Milne Edwards (A.), 1881, as published in the combination *Glyphocrangon spinicauda* (specific name of type species of *Glyphocrangon* Milne Edwards (A.), 1881) (Name No. 1232) ;
- (lxxi) *spinicauda* De Man, 1902, as published in the combination *Chlorotocus spinicauda* (specific name of type species of *Chlorotocoides* Kemp, 1925) (Name No. 1233) ;
- (lxxii) *spongicola* Costa, 1844, as published in the combination *Typton spongicola* (specific name of type species *Typton* Costa, 1844) (Name No. 1234) ;
- (lxxiii) *streptopus* Kemp, 1922, as published in the combination *Thaumastocaris streptopus* (specific name of type species of *Thaumastocaris* Kemp, 1922) (Name No. 1235) ;

- (lxxiv) *sulcatifrons* Smith (S.I.), 1884, as published in the combination *Parapasiphaë sulcatifrons* (specific name of type species of *Parapasiphaë* Smith (S.I.), 1884) (Name No. 1236) ;
- (lxxv) *superbus* Dana, 1852, as published in the combination *Oedipus superbus* (specific name of type species of *Coralliocaris* Stimpson, 1860) (Name No. 1237) ;
- (lxxvi) *symbiotes* Kemp, 1922, as published in the combination *Dasycaris symbiotes* (specific name of type species of *Dasycaris* Kemp, 1922) (Name No. 1238) ;
- (lxxvii) *tanganyikae* Calman, 1899, as published in the combination *Limnocaridina tanganyikae* (specific name of type species of *Limnocaridina* Calman, 1899) (Name No. 1239) ;
- (lxxviii) *tenuipes* Dana, 1852, as published in the combination *Palaemonella tenuipes* (specific name of type species of *Palaemonella* Dana, 1852) (Name No. 1240) ;
- (lxxix) *trispinosus* Aurivillius, 1898, as published in the combination *Palaemonetes trispinosus* (specific name of type species of *Desmocarid* Sollaud, 1911) (Name No. 1241) ;
- (lxxx) *truncatus* Dana, 1852, as published in the combination *Betaeus truncatus* (specific name of type species of *Betaeus* Dana, 1852) (Name No. 1242) ;
- (lxxxii) *tuberculatus* Bate, 1888, as published in the combination *Chorismus tuberculatus* (specific name of type species of *Chorismus* Bate, 1888) (Name No. 1243) ;
- (lxxxii) *typus* Milne Edwards (H.), 1837, as published in the combination *Caridina typus* (specific name of type species of *Caridina* Milne Edwards (H.), 1837) (Name No. 1244) ;

- (lxxxiii) *typus* Milne Edwards (H.), 1837, as published in the combination *Oplophorus typus* (specific name of type species of *Oplophorus* Milne Edwards (H.), 1837) (Name No. 1245) ;
- (lxxxiv) *typus* Milne Edwards (H.), 1837, as published in the combination *Rhynchocinetes typus* (specific name of type species of *Rhynchocinetes* Milne Edwards (H.), 1837) (Name No. 1246) ;
- (lxxxv) *varians* [Leach], [1814] (as published in the combination *Hippolyte varians*) specific name of type species of *Hippolyte* [Leach], [1814]) (Name No. 1247) ;
- (lxxxvi) *varians* [Leach], [1814] (as published in the combination *Palaemon varians* (specific name of type species of *Palaemonetes* Heller, 1869) (Name No. 1248) ;
- (lxxxvii) *vittata* Stimpson, 1860, as published in the combination *Hippolysmata vittata* (specific name of type species of *Hippolysmata* Stimpson, 1860) (Name No. 1249) ;
- (lxxxviii) *zimmeri* Balss, 1914, as published in the combination *Bathypalaemonella zimmeri* (specific name of type species of *Bathypalaemonella* Balss, 1914) (Name No. 1250).

(5) The under-mentioned specific names, each of which is the name of a nominal species currently identified by specialists with a nominal species having a later available name which is the type species of a genus belonging to the Order Decapoda (Class Crustacea) placed on the *Official List of Generic Names in Zoology* under (3) above, are hereby placed on the *Official List of Specific Names in Zoology* with the Name Numbers severally specified below :—

- (i) *spinifrons* Milne Edwards (H.), 1837, as published in the combination *Hippolyte spinifrons* (Name No. 1251) ;

- (ii) *cubensis* Von Martens, 1872, as published in the combination *Hippolyte cubensis* (Name No. 1252) ;
- (iii) *biunguiculatus* Lucas, 1849, as published in the combination *Palaemon biunguiculatus* (Name No. 1253) ;
- (iv) *jactans* Nobili, 1904, as published in the combination *Virbius* (?) *jactans* (Name No. 1254) ;
- (v) *crassicornis* Costa, 1871, as published in the combination *Pandalus crassicornis* (Name No. 1255) ;
- (vi) *fucorum* Fabricius, 1798, as published in the combination *Palaemon fucorum* (Name No. 1256) ;
- (vii) *ensiferus* Risso, 1816, as published in the combination *Palemon* [sic] *ensiferus* (Name No. 1257) ;
- (viii) *spinipes* Bate, 1888, as published in the combination *Plesionika spinipes* (Name No. 1258) ;
- (ix) *amethystea* Risso, 1826, as published in the combination *Alpheus amethystea* (Name No. 1259) ;
- (x) *ensis* Milne Edwards (A.), 1881, as published in the combination *Acanthephyra ensis* (Name No. 1260) ;
- (xi) *marmoratus* Olivier, 1811, as published in the combination *Palaemon marmoratus* (Name No. 1261) ;
- (xii) *comatularum* Haswell, 1882, as published in the combination *Alpheus comatularum* (Name No. 1262) ;
- (xiii) *restricta* Milne Edwards (A.), 1878, as published in the combination *Hippolyte restricta* (Name No. 1263) ;
- (xiv) *anophthalmus* (emend. of *anophthalmus*) Kollar, 1848, as published in the combination *Palaemon anophthalmus* (Name No. 1264) ;

(6) The under-mentioned generic names are hereby placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* with the Name Numbers severally specified below :—

- (a) *Atys* Leach, 1815 (a junior homonym of *Atys* Montfort, 1810) (Name No. 887) ;
- (b) *Balssiola* Strand, 1922 (a junior objective synonym of *Micratya* Bouvier, 1913) (Name No. 888) ;
- (c) *Calmania* Bouvier, 1909 (a junior homonym of *Calmania* Laurie, 1906) (Name No. 889) ;
- (d) *Doryphorus* Norman, 1861 (a junior homonym of *Doryphorus* Cuvier, 1829) (Name No. 890) ;
- (e) *Drimo* Risso, 1826 (a junior objective synonym of *Gnathophyllum* (emend. under the Plenary Powers in (1)(a) above of *Gnatophyllum*) Latreille, 1819) (Name No. 891) ;
- (f) *Gnatophyllum* Latreille, 1819 (a spelling rejected under the Plenary Powers in (1)(a) above as an Invalid Original Spelling for *Gnathophyllum*) (Name No. 892) ;
- (g) *Gomphonotus* Chace, 1936 (a junior objective synonym of *Eugonatonotus* Schmitt, 1926) (Name No. 893) ;
- (h) *Gonatonotus* Milne Edwards (A.), 1881 (a junior homonym of *Gonatonotus* Adams & White, 1847) (Name No. 894) ;
- (i) *Hoplophorus* Agassiz (J.L.R.), 1846 (an Invalid Emendation of *Oplophorus* Milne Edwards (H.), 1837) (Name No. 895) ;
- (j) *Nectocrangon* Brandt, 1851 (a junior objective synonym of *Argis* Krøyer, 1842) (Name No. 896) ;
- (k) *Oedipus* Dana, 1852 (a junior homonym of *Oedipus* Berthold, 1827) (Name No. 897) ;

- (l) *Ogyris* Stimpson, 1860 (a junior homonym of *Ogyris* Westwood, [1851]) (Name No. 898) ;
- (m) *Pasiphae* Krøyer, 1845 (an Invalid Emendation of *Pasiphaea* Savigny, 1816) (Name No. 899) ;
- (n) *Pasiphaeia* Faxon, 1895 (an Invalid Emendation of *Pasiphaea* Savigny, 1816) (Name No. 900) ;
- (o) *Regulus* Dana, 1852 (a junior homonym of *Regulus* Cuvier (G.L.C.F.D.), 1800) (Name No. 901) ;
- (p) *Tridacnocarid* Nobili, 1899 (a junior objective synonym of *Anchistus* Borradaile, 1898) (Name No. 902) ;
- (q) *Xiphocaridina* Bouvier, 1909 (a junior objective synonym of *Paratya* Miers, 1882) (Name No. 903).

(7) The undermentioned specific names are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Numbers severally specified below :—

- (a) *anophthalmus* Kollar, 1848, as published in the combination *Palaemon anophthalmus* (a spelling rejected under the Plenary Powers in (1)(a)(ii) above as an Invalid Original Spelling for *anophthalmus*) (Name No. 387) ;
- (b) *gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana* (a junior objective synonym of *gordoni* Bate, 1858, as published in the combination *Hippolyte gordoni*) (Name No. 388) ;
- (c) *paronae* Nobili, 1905, as published in the combination *Latreutes paronae* (an Original Spelling corrected under (2) above to *paronai*) (Name No. 389).

(8) The under-mentioned family-group names are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) ATYIDAE (correction of ATYADEA) De Haan, [1849] (type genus : *Atys* Leach, 1816) (Name No. 151) ;
- (b) BRESILIIDAE Calman, 1896 (type genus : *Bresilia* Calman, 1896) (Name No. 152) ;
- (c) CAMPYLONOTIDAE Sollaud, 1913 (type genus : *Campylonotus* Bate, 1888) (Name No. 153) ;
- (d) EUGONATONOTIDAE Chace, 1937, as validated by the suppression under the Plenary Powers in (1)(c) of the family-group name GOMPHONOTIDAE Chace, 1936 (type genus : *Eugonatonotus* Schmitt, 1926) (Name No. 154) ;
- (e) GLYPHOCRANGONIDAE Smith, 1884 (type genus : *Glyphocrangon* Milne Edwards (A.), 1881) (Name No. 155) ;
- (f) GNATHOPHYLLINAE Dana, 1852 (type genus : *Gnathophyllum* (emend. under the Plenary Powers in (1)(a) above of *Gnatophyllum*) Latreille, 1819) (first raised to the rank of a family name as GNATHOPHYLLIDAE by Ortmann (1890)) (Name No. 156) ;
- (g) HIPPOLYTIDAE Bate, 1888 (type genus : *Hippolyte* [Leach], [1814] (a family-group name to be given preference under the direction under the Plenary Powers in (1)(b) above (i) over the family-group name LYSMATINAE Dana, 1852 (type genus : *Lysmata* Risso, 1816) by any worker who on taxonomic grounds may consider that the genera *Hippolyte* [Leach], [1814], and *Lysmata* Risso, 1816, belong to the same family-group taxon and (ii) over the family-group name THORINAE Kingsley, 1878 (type genus : *Thor* Kingsley, 1878) by any worker who on taxonomic grounds may

consider that the genera *Hippolyte* [Leach], [1814], and *Thor* Kingsley, 1878, belong to the same family-group taxon) (Name No. 157) ;

- (h) LYSMATINAE Dana, 1852 (type genus : *Lysmata* Risso, 1816) (for use by any worker who on taxonomic grounds may consider that the genera *Lysmata* Risso, 1816, and *Hippolyte* [Leach], [1814], belong to different family-group taxa, but under the direction given under the Plenary Powers in (1)(b) above not to be employed in preference to the name HIPPOLYTIDAE Bate, 1888, by any worker who on taxonomic grounds considers that the above genera belong to the same family-group taxon) (Name No. 158) ;
- (i) NEMATOCARCININAE Smith, 1884 (type genus : *Nematocarcinus* Milne Edwards (A.), 1881) (first raised to the rank of a family name as NEMATOCARCINIDAE by Smith (1886)) (Name No. 159) ;
- (j) OPLOPHORINAE Dana, 1852 (type genus : *Oplophorus* Milne Edwards (H.), 1837) (first raised to the rank of a family name as OPLOPHORIDAE by Rathbun (1902)) (Name No. 160) ;
- (k) PASIPHAEIDAE Dana, 1852 (type genus : *Pasiphaea* Savigny, 1816) (Name No : 161) ;
- (l) PSALIDOPODIDAE Wood Mason & Alcock, 1892 (type genus : *Psalidopus* Wood Mason & Alcock, 1892) (Name No. 162) ;
- (m) RHYNCHOCINETIDAE Ortmann, 1890 (type genus : *Rhynchocinetes* Milne Edwards (H.), 1837) (Name No. 163) ;
- (n) STYLODACTYLIDAE Bate, 1888 (type genus : *Stylo-dactylus* Milne Edwards (A.), 1881) (Name No. 164) ;
- (o) THALASSOCARIDIDAE (correction by Holthuis (1955) of THALASSOCARIDAE) Bate, 1888 (type genus : *Thalassocaris* Stimpson, 1860) (Name No. 165) ;

(p) THORINAE Kingsley, 1878 (type genus : *Thor* Kingsley, 1878) (for use by any worker who on taxonomic grounds may consider that the genus *Thor* Kingsley, 1878, belongs to a family-group taxon different from that to which either the genus *Hippolyte* [Leach], [1814], or the genus *Lysmata* Risso, 1816, belongs, but under the direction given under the Plenary Powers in (1)(b) above not to be employed in preference to the name HIPPOLYTIDAE Bate, 1888, by any worker who on taxonomic grounds considers that the genera *Thor* Kingsley and *Hippolyte* [Leach] belong to the same family-group taxon) (Name No. 166) ;

(q) TYPHLOCARIDINAE Annandale & Kemp, 1913 (type genus : *Typhlocaris* Calman, 1909) (Name No. 167).

(9) The under-mentioned family-group names are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

(a) ATYADEA De Haan, [1849] (type genus : *Atya* Leach, 1816) (an Invalid Original Spelling for ATYIDAE) (Name No. 187) ;

(b) ATTIDAE Yu, 1936 (an Erroneous Subsequent Spelling for ATYIDAE De Haan, [1849]) (Name No. 188) ;

(c) BRESILIDAE Kemp, 1910 (an Erroneous Subsequent Spelling for BRESILIIDAE Calman, 1896) (Name No. 189) ;

(d) DRIMOIDAE Ortmann, 1896 (type genus : *Drimo* Risso, 1826) (invalid because the type genus of the taxon so named has as its type species *Alpheus elegans* Risso, 1816, which is also the type species of *Gnathophyllum* (emend. under the Plenary Powers of *Gnatophyllum*) Latreille, 1819

(a name placed on the *Official List of Generic Names in Zoology* under (3)(xxxix) above) which is the type genus of the older-established family-group taxon GNATHOPHYLLIDAE Dana, 1852 (a name placed on the *Official List of Family-Group Names in Zoology* under (8)(f) above)) (Name No. 190) ;

(e) GOMPHONOTIDAE Chace, 1936 (type genus : *Gomphonotus* Chace, 1936) (a name suppressed under the Plenary Powers in (1)(c) above) (Name No. 191) ;

(f) GONATONOTIDAE Gurney, 1941 (type genus : *Gonatonotus* Milne Edwards (A.), 1881) (invalid because the type genus of the taxon so named has as its type species *Gonatonotus crassus* Milne Edwards (A.), 1881, which is also the type species of *Eugonatonotus* Schmitt, 1926 (a name placed on the *Official List of Generic Names in Zoology* under (3)(xxxvi) above), which is the type genus of the older established family-group taxon EUGONATONOTIDAE Chace, 1937 (a name placed on the *Official List of Family-Group Names in Zoology* under (8)(d) above) (Name No. 192) ;

(g) the under-mentioned Erroneous Spellings for HIPPOLYTIDAE Bate, 1888 :—

(i) HIPPOLYIDAE Yu, 1935 (Name No. 193) ;

(ii) HYPPOLITIDAE Dohrn, 1950 (Name No. 194) ;

(h) the undermentioned Erroneous Subsequent Spellings for OPLOPHORIDAE Dana, 1852 :—

(i) HOPLOPHORIDAE Faxon, 1895 (Name No. 195) ;

(ii) OPLOPHAIDAE Guiler, 1952 (Name No. 196) ;

(i) the under-mentioned Erroneous Subsequent Spellings for PASIPHAEIDAE Dana, 1852 :—

(i) PASIPHAEIDAE Barnard, 1850 (Name No. 197) ;

(ii) PASIPHAEIIDAE Faxon, 1893 (Name No. 198) ;

- (iii) PASIPHAIDAE Smith, 1884 (Name No. 199) ;
- (iv) PASIPHAJDAE Wood Mason & Alcock, 1893 (Name No. 200) ;
- (v) PASIPHEIDAE De Miranda y Rivera, 1933 (Name No. 201) ;
- (j) the under-mentioned Erroneous Subsequent Spellings for RHYNCHOCINETIDAE Ortmann, 1890 :—
 - (i) RHINCOCYNETIDAE Sharp, 1893 (Name No. 202) ;
 - (ii) RHYNCHOCYNETIDAE Borradaile, 1907 (Name No. 203) ;
 - (iii) RYNCHOCINETIDAE Gurney, 1939 (Name No. 204) ;
- (k) THALASSOCARIDAE Bate, 1888 (an Invalid Original Spelling for THALASSOCARIDIDAE) (Name No. 205).

I. THE STATEMENT OF THE CASE

On 21st September 1951 Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) informed the Office of the Commission that he had recently been engaged in drawing up a list of the generic names of Caridean Crustacea in general use and was of the opinion that it was desirable that these names should be placed on the *Official List of Generic Names in Zoology*. At the same time Dr. Holthuis communicated a copy of the list which he had prepared but which was at that time still subject to revision. On 13th May 1954 Dr. Holthuis submitted a definitive application setting out his proposals at the generic-name and specific-name levels and this he completed

on 24th September 1954 when he submitted complementary proposals at the family-group-name level. The application so submitted was as follows :—

**Proposed addition to the “ Official List of Generic Names in Zoology ”
of the names of one hundred and two genera of Caridea (Class
Crustacea, Order Decapoda), including proposals for the use
of the Plenary Powers (a) to validate the emendation to
“ Gnathophyllum ” of the generic name “ Gnato-
phyllum ” Latreille, 1814, and (b) to validate the
family-group names “ HIPPOLYTIDAE ” Bate,
1888 and “ EUGONATONOTIDAE ” Chace,
1937**

By L. B. HOLTHUIS

(*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)

I submit herewith to the International Commission on Zoological Nomenclature a list of the names of one hundred and two genera of Caridean Crustacea for addition to the *Official List of Generic Names in Zoology*. Each of these names is an available name in the sense that it is not a homonym of any generic name previously published for a genus in the Animal Kingdom. All of these names are currently used in carcinological literature. The validity of only one among them has been questioned. This one case is dealt with in paragraph 2(1) below. The species indicated here as type species of the genera enumerated in the list have been duly determined as such under the *Règles Internationales de la Nomenclature Zoologique*. The gender of each generic name is indicated in brackets immediately after the name concerned.

2. A few cases call for some special comments, which are given here in a separate paragraph before the actual list. These cases are set out below :—

- (1) **Argis** Krøyer, 1842 : The name *Argis* Krøyer, 1842, is rejected by some authors on account of *Arges* de Haan, [1833]. According to the *Règles* the difference between the two names is sufficient to let *Argis* Krøyer stand as a valid name (1953, *Copenhagen Decisions Zool. Nomencl.* : 78, Decision 152). The authors who reject *Argis* Krøyer, use in its place the generic name *Nectocrangon* Brandt, 1851 (Middendorff's *Reise Sibir.* 2(1) : 114) (type species, by monotypy : *Crangon lar* Owen, 1839, *Zool. Beechey's Voy. Blossom* : 88). *Argis* Krøyer and *Nectocrangon* Brandt are objective synonyms since they have the same type species. The name *Nectocrangon* Brandt, 1851,

being an invalid junior objective synonym of *Argis* Krøyer, 1842, should be placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* at the same time that *Argis* Krøyer, 1842, is placed on the *Official List of Generic Names in Zoology*.

- (2) **Caridion** Goës, 1863 : In the first description of the type species of this genus, Bate (1858, *Nat. Hist. Rev. Proc. Dublin* 5 : 51, 52) did not give the species a scientific name, though he stated that he would name it for a Mr. Gordon. The name *Hippolyte gordonii* is only mentioned on p. iv. of the index of the fifth volume of *Nat. Hist. Rev. Proc. Soc. Dublin*, which contains Bate's paper. That Bate is not the author of this name *Hippolyte gordonii* is the more probable since in the following year he published a description of the same species in *Proc. Dublin Univ. zool. bot. Ass.* (1 : 48, 49) under the name *Hippolyte gordoniana*. However, there can be no certainty on this point. As the specific name *gordonii*, which at present is universally used for the species, has always been attributed to Bate, it seems best to continue this practice and to consider *Hippolyte gordonii* Bate, 1858, the oldest available name for the species discussed here.
- (3) **Chorismus** Bate, 1888 : In the original description of *Chorismus*, Bate dealt only with *C. tuberculatus*, but he stated at the end of the text concerning the genus : "*Tozeuma serratum*, A. Milne Edwards, . . . belongs, I think, to this genus". The qualified expression so used by Bate appears to me to imply that he only doubtfully included this species in his genus. On this interpretation *Tozeuma serratum* is excluded by Rule (e) in Article 30 from consideration as a possible type species for the genus *Chorismus*. I therefore consider that *C. tuberculatus* should be regarded as being the type species by monotypy. If it were to be held that by the remark quoted above Bate included *T. serratum* in the genus *Chorismus*, that genus would not be monotypical. In that case, *Chorismus tuberculatus* would still, however, be the type species of this genus, it having been so selected by Calman in 1907 (*Nat. Antarct. Exped.*, *Nat. Hist.* 2 (Crust.)(1) : 3).
- (4) **Dorodotes** Bate, 1888 : In the original description of the genus in 1888 Bate stated on p. 677 : "I only know of one species of this genus and this has been taken twice, in the Sea of Banda and near Manila". However, he actually described two species in the genus : *D. reflexus* from the Banda Sea and Manila, and *D. levicarina* from the Arafura Sea. It seems probable that, when Bate first drew up the description of this genus, he only referred *D. reflexus* to it and that it was only at some later stage he inserted *D. levicarina* also. I do not think that this evidence is sufficient to indicate *D. reflexus*

as the type species of the genus by original designation. De Man (1920, *Siboga Exped.* 39(a3) : 151), after having placed *Dorodotes levicarina* Bate in a separate genus, remarked : "The genus *Dorodotes* Bate is still only represented by one species", but this also cannot be regarded as an unequivocal type selection.

- (5) **Gelastocaris** Kemp, 1914 : The specific name of the nominal species *Latreutes paronai* Nobili, the type species of the genus *Gelastocaris*, was originally written by Nobili as *paronae*. Since the species was named after Professor C. Parona, who is a man and not a woman, the original orthography *paronae* is incorrect and is subject to automatic correction to *paronai*.
- (6) **Gnathophyllum** Latreille, 1819 : Latreille's original spelling of this name was *Gnatophyllum*. The name was emended by Desmarest, 1823 (*Dict. Sci. nat.* 28 : 322) to *Gnathophyllum*. The emended name has been accepted by practically all subsequent authors, among them, Latreille himself, and at present it is in general use. The Commission therefore is asked to use its Plenary Powers to validate the emended spelling *Gnathophyllum* and, having done so, to place this name so emended on the *Official List* and the original spelling *Gnatophyllum* on the *Official Index of Rejected and Invalid Generic Names in Zoology*.
- (7) **Hippolyte** [Leach], [1814] : In the original description of this genus Leach remarked ; "To this genus *Cancer astacus gibbosus* of Montagu, already referred to in the note after *Penaeus*, page 401, belongs". This statement is quite unequivocal and should therefore be interpreted as meaning that he placed two nominal species in this genus, namely *C. gibbosus* Montagu as well as *Hippolyte varians*. On this view this genus is not monotypic. The second of these species was, however, selected as type species by Leach himself in [1817] (*Malac. podophth. Brit.* (16) : first page of explanation for pl. 38). From a practical point of view therefore it makes no difference whether this genus is regarded as being monotypic or as having its type species determined by subsequent selection, for on either view *Hippolyte varians* [Leach] is the type species.
- (8) **Notostomus** Milne Edwards (A.), 1881 : In a footnote referring to the name *Notostomus*, Milne Edwards (A.) stated in the original description of the genus : "de νῶτος dos et στόμα, le coupant d'un couteau". One would therefore be inclined to consider the spelling "Notostoma" (neuter) the correct one for the present name. However, Milne Edwards used the name *Notostomus* three times with this spelling in his 1881 paper and treated it as a masculine word, and in this he has been followed by all subsequent authors. Under the

provisions adopted by the Copenhagen Congress, relating to the emendation of names, the spelling adopted for this name by Milne Edwards is not subject to emendation, except by the use by the Commission of its Plenary Powers, and in view of the general acceptance of the original spelling in this case, I do not recommend that course. I accordingly propose that this generic name should be placed on the *Official List* in its original spelling and that, in taking this decision, the Commission should direct that this generic name is to be treated as being masculine in gender.

- (9) **Oplophorus** Milne Edwards (H.), 1837 : Agassiz, 1846 (*Nomencl. Zool., Index Univ.* : 185) and several later authors have emended this name to *Hoplophorus* but since Milne Edwards in the original publication consistently used the name *Oplophorus* and said nothing about the derivation of this name, this emendation is, in my opinion, clearly invalid. The Commission is therefore asked to place this name on the *Official List of Generic Names in Zoology* in the original spelling *Oplophorus*, at the same time placing the emended spelling *Hoplophorus* on the *Official Index of Rejected and Invalid Generic Names in Zoology*.
- (10) **EUGONATONOTIDAE** Chace, 1937 : This family name possesses a senior objective synonym, viz., **GOMPHONOTIDAE** Chace, 1936, as the type genera of these two families, *Eugonatonotus* Schmitt, 1926, and *Gomphonotus* Chace, 1936, have the same type species, *Gonatonotus crassus* Milne Edwards (A.), 1881. In my opinion, it is desirable to use the junior family name **EUGONATONOTIDAE** as this is based on the valid generic name *Eugonatonotus* Schmitt, and to reject the older family name **GOMPHONOTIDAE** which is based on the name *Gomphonotus* Chace which is an invalid objective junior synonym of *Eugonatonotus*. The Commission is accordingly asked to use its Plenary Powers for this purpose and, having done so, to place the name **EUGONATONOTIDAE** on the *Official List* and that of **GOMPHONOTIDAE** on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*.
- (11) **HIPPOLYTIDAE** Bate, 1888 : This family name has been accepted by all modern carcinologists. However, two of the genera now currently placed in the family **HIPPOLYTIDAE** are the type genera of Family-Group names, which are older than the name **HIPPOLYTIDAE**. The Family-Group Names concerned are :—
- LYSMATINAE** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 16, 20 (type genus : *Lysmata* Risso, 1816) ;
- THORINAE** Kingsley, 1878, *Bull. Essex Inst.* **10** : 64 (type genus : *Thor* Kingsley, 1878).

These two names have been ignored by all modern carcinologists. The stability of carcinological nomenclature would be greatly furthered if the name HIPPOLYTIDAE be given preference over the names LYSMATINAE and THORINAE. For this reason I ask the International Commission to direct under its Plenary Powers that the family-group name HIPPOLYTIDAE Bate, 1888, is not to be rejected (a) in favour of the name LYSMATINAE Dana, 1852, by any worker who on taxonomic grounds places the genus *Lysmata* Risso, 1816, in the same family-group taxon as *Hippolyte* [Leach], [1814], or (b) in favour of the name THORINAE Kingsley, 1878, by any worker who on similar grounds places the genus *Thor* Kingsley, 1878, in the same family-group taxon as *Hippolyte* [Leach], [1814]. The Commission is further asked to place the family-group name HIPPOLYTIDAE Bate, 1888, on the *Official List of Family-Group Names in Zoology* with a note in the foregoing terms.

3. The following list contains the required particulars regarding the one hundred and two generic names which it is now recommended should be placed on the *Official List of Generic Names in Zoology* :—

Names recommended for addition to the
“ *Official List of Generic Names in Zoology* ”

Alope (feminine) White, 1847, *Proc. zool. Soc. Lond.* **15** : 123 (type species, by monotypy : **Alope palpalis** White, 1847, *Proc. zool. Soc. Lond.* **15** : 124. [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Hippolyte spinifrons* Milne Edwards (H.), 1837, *Hist. nat. Crust.* **2** : 377]).

Anchistioides (masculine) Paulson, 1875, *Issljed Rakooobr. Krasn. Morja* (Stud. Crust. Red Sea) : 115 (type species, by monotypy : **Anchistioides compressus** Paulson, 1875, *Issljed. Rakooobr. Krasn. Morja* (Stud. Crust. Red Sea) : 115).

Anchistus (masculine) Borradaile, 1898, *Ann. Mag. nat. Hist.* (7) **2** : 387 (type species, by original designation : **Harpilius miersi** De Man, 1888, *J. linn. Soc. Lond.* (Zool.) **22** : 274).

Arete (feminine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 32 (type species, by monotypy : **Arete dorsalis** Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 32).

Argis (feminine) Krøyer, 1842, *Naturhist. Tidsskr.* **4**(3) : 255, 267 (type species, by monotypy : **Crangon lar** Owen, 1839, *Zool. Beechey's Voy. Blossom* : 88).

Athanas (masculine) [Leach], [1814], Brewster's *Edinb. Ency.* **7**(2) : 432 (type species, by monotypy : **Palaemon nitescens** Leach, 1814, Brewster's *Edinb. Ency.* **7**(2) : 401).

Atya (feminine) Leach, 1816, *Encycl. Brit., Suppl. to 4th—6th eds.* **1** : 421 (type species, by monotypy : **Atys scaber** Leach, 1815, *Trans linn. Soc. Lond.* **11** : 345).

Atyella (feminine) Calman, 1906, *Proc. zool. Soc. Lond.* **1906**(1) : 201 (type species, by original designation : **Atyella brevirostris** Calman, 1906, *Proc. zool. Soc. Lond.* **1906**(1) : 201).

Automate (feminine) De Man, 1888, *Arch. Naturgesch.* **53**(1) : 529 (type species, by monotypy : **Automate dolichognatha** De Man, 1888, *Arch. Naturgesch.* **53**(1) : 529).

Balssia (feminine) Kemp, 1922, *Rec. Indian Mus.* **24** : 267 (type species, by monotypy : **Amphipalaemon gasti** Balss, 1921, *Mitt. zool. Sta. Neapel* **22** : 523).

Barbouria (feminine) Rathbun, 1912, *Bull. Mus. comp. zool.* **54** : 455 (type species, by monotypy : **Barbouria poeyi** Rathbun, 1912, *Bull. Mus. comp. zool.* **54** : 455) [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Hippolyte cubensis* Von Martens, 1872, *Arch. Naturgesch.* **38**(1) : 136]].

Bathypalaemonella (feminine) Balss, 1914, *Zool. Anz.* **44** : 597 (type species, by monotypy : **Bathypalaemonella zimmeri** Balss, 1914, *Zool. Anz.* **44** : 598).

Betaeus (masculine) Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 16 (type species, by selection by Fowler, 1912 (*Ann. Rep. New Jersey State Mus.* **1911** : 558) : **Betaeus truncatus** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 23).

Birulia (feminine) Brashnikov, 1903, *Annu. Mus. zool. Petersb.* **8** : xliv (type species, by monotypy : **Birulia sachalinensis** Brashnikov, 1903, *Annu. Mus. zool. Petersb.* **8** : xlv).

Brachycarpus (masculine) Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 781, 795 (type species, by original designation : **Brachycarpus savignyi** Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 795 [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Palaemon biunguiculatus* Lucas, 1849, *Explor. sci. Algérie*, *Hist. nat., Anim. art.* (1) : 45]).

Bresilia (feminine) Calman, 1896, *Trans. Roy. Irish Acad.* **31** : 7 (type species, by monotypy : **Bresilia atlantica** Calman, 1896, *Trans. Roy. Irish Acad.* **31** : 7).

Bythocaris (feminine) Sars (G.O.), 1870, *Forh. Vidensk. Selsk. Christiania* **1869** : 149 (type species, by monotypy : **Bythocaris simplicirostris** Sars (G.O.), 1870, *Forh. Vidensk. Selsk. Christiania* **1869** : 149).

- Campylonotus** (masculine) Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 767 (type species, by selection by Holthuis, 1955 (*Zool. Verhand. Leiden* 26 : 41) : **Campylonotus semistriatus** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 768).
- Caridella** (feminine) Calman, 1906, *Proc. zool. Soc. Lond.* 1906(1) : 198 (type species, by original designation : **Caridella cunningtoni** Calman, 1906, *Proc. zool. Soc. Lond.* 1906(1) : 199).
- Caridina** (feminine) Milne Edwards (H.), 1837, *Hist. nat. Crust.* 2 : 362 (type species, by indication under Rule (b) in Article 30 : **Caridina typus** Milne Edwards (H.), 1837, *Hist. nat. Crust.* 2 : 363).
- Caridion** (masculine) Goës, 1863, *Ofvers. K. Svensk. Vetensk. Akad. Förh.* 20 : 170 (substitute name for *Doryphorus* Norman, 1861, *Ann. Mag. nat. Hist.* (3)8 : 276, an invalid junior homonym of **Doryphorus** Cuvier, 1829, *Règne Anim.* (ed. 2) 2 : 34) (type species, by monotypy for *Doryphorus* Norman, 1861 : **Hippolyte gordonii** Bate, 1858, *Nat. Hist. Rev. Proc. Soc. Dublin* 5 : iv).
- Chlorocurtis** (masculine) Kemp, 1925, *Rec. Indian Mus.* 27 : 272, 279 (type species, by monotypy : **Chlorocurtis miser** Kemp, 1925, *Rec. Indian Mus.* 27 : 280 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Virbius* (?) *jactans* Nobili, 1904, *Bull. Mus. Hist. nat. Paris* 10 : 230]).
- Chlorotocella** (feminine) Balss, 1914, *Abh. Bayer. Akad. Wiss. Suppl.* 2(10) : 33 (type species, by monotypy : **Chlorotocella gracilis** Balss, 1914, *Abh. Bayer. Akad. Wiss. Suppl.* 2(10) : 33).
- Chlorotocoides** (masculine) Kemp, 1925, *Rec. Indian Mus.* 27 : 271, 276 (type species, by monotypy : **Chlorotocus spinicauda** De Man, 1902, *Abh. Senckenb. naturf. Ges.* 25 : 856).
- Chlorotocus** (masculine) Milne Edwards (A.), 1882, *Arch. Miss. sci. litt.* (3)9 : 14 (type species, by monotypy : **Chlorotocus gracilipes** Milne Edwards (A.), 1882, *Arch. Miss. sci. litt.* (3)9 : 14 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Pandalus crassicornis* Costa, 1871, *Annu. Mus. zool. Univ. Napoli* 6 : 89]).
- Chorismus** (masculine) Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 577, 616 (type species, by selection by Calman, 1907 (*Nat. Antarct. Exped.*, *Nat. Hist.* 2 (Crust.)(1) : 3) : **Chorismus tuberculatus** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 617).
- Coralliocaris** (feminine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* 1860 : 38 (substitute name for *Oedipus* Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 17, an invalid junior homonym of *Oedipus* Berthold, 1827, in Latreille, *Nat. Fam. Thierr.* : 411) (type species, by selection by Kingsley, 1880 (*Proc. Acad. nat. Sci. Philad.* 1879 : 423) : **Oedipus superbus** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 25).

Coutierea (feminine) Nobili, 1901, *Boll. Mus. Zool. Anat. comp. Torino* 16(415) : 4 (type species, by monotypy : **Coralliocaris agassizi** Coutière, 1901, *Bull. Mus. Hist. nat.*, Paris 7 : 115).

Cryptocheles (feminine) Sars (G.O.), 1870, *Forh. Vidensk. Selsk. Christiania* 1869 : 150 (type species, by monotypy : **Cryptocheles pygmaea** Sars (G.O.), 1870, *Forh. Vidensk. Selsk. Christiania* 1869 : 150).

Dasycaris (feminine) Kemp, 1922, *Rec. Indian Mus.* 24 : 240 (type species, by monotypy : **Dasycaris symbiotes** Kemp, 1922, *Rec. Indian Mus.* 24 : 240).

Desmocaris (feminine) Sollaud, 1911, *C. R. Acad. Sci.*, Paris 152 : 913 (type species, by monotypy : **Palaemonetes trispinosus** Aurivillius, 1898, *Bih. Svenska Vetensk. Akad. Handl.* 24(4)(1) : 29).

Dichelopandalus (masculine) Caullery, 1896, *Ann. Univ. Lyon* 26 : 379 (type species, by monotypy : **Dichelopandalus bonnier**i Caullery, 1896, *Ann. Univ. Lyon* 26 : 379).

Dorodotes (masculine) Bate, 1888, *Rep. Voy. Challenger*, Zool. 14 : 627, 677 (type species, by selection by Holthuis, 1955 (*Zool. Verhand. Leiden* 26 : 119) : **Dorodotes reflexus** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 678).

Dugastella (feminine) Bouvier, 1912, *C. R. Acad. Sci.*, Paris 155 : 993 (type species, by monotypy : **Dugastella marocana** Bouvier, 1912, *C. R. Acad. Sci.*, Paris 155 : 993).

Ephyrina (feminine) Smith (S.I.), 1885, *Proc. U.S. Nat. Mus.* 7 : 506 (type species, by monotypy : **Ephyrina benedicti** Smith (S.I.), 1885, *Proc. U.S. nat. Mus.* 7 : 506).

Eugonatonotus (masculine) Schmitt, 1926, *Biol. Res. Fish. Exper. "Endeavour"* 5(6) : "Corringenda et Addenda" sheet, second page (substitute name for *Gonatonotus* Milne Edwards (A.), 1881 (*Ann. Sci. nat.*, Zool. (6)11(4) : 10, an invalid junior homonym of *Gonatonotus* Adams & White, 1847) (type species, by monotypy for *Gonatonotus* Milne Edwards (A.), 1881 ; **Gonatonotus crassus** Milne Edwards (A.), 1881, *Ann. Sci. nat.*, Zool. (6)11(4) : 10).

Gelastocaris (feminine) Kemp, 1914, *Rec. Indian Mus.* 10 : 106 (type species, by monotypy : **Latreutes paronai** (correction of **paronae**) Nobili, 1905, *Boll. Mus. Zool. nat. comp. Torino* 20(506) : 2).

Glyphocrangon (feminine) Milne Edwards (A.), 1881, *Ann. Sci. nat., Zool.* (6)11(4) : 3 (type species, by original designation : **Glyphocrangon spinicauda** Milne Edwards (A.), 1881, *Ann. Sci. nat., Zool.* (6)11(4) : 3).

Gnathophyllum (neuter) Latreille, 1819, *Nouv. Dict. Hist. nat.* (ed. 2) 30 : 72 (type species, by selection by Milne Edwards (H.), 1837 (Cuvier's *Règne Anim.* (ed. 3, Disciples' ed.) 18 : pl. 52, fig. 2) : **Alpheus elegans** Risso, 1816, *Hist. nat. Crust. Nice* : 92).

Heptacarpus (masculine) Holmes, 1900, *Occ. Pap. Calif. Acad. Sci.* 7 : 195 (type species, by original designation : **Hippolyte palpator** Owen, 1839, *Zool. Beechey's Voy. Blossom* : 89).

Heterocarpoides (masculine) De Man, 1917, *Zool. Meded. Leiden* 3 : 284 (type species, by monotypy : **Dorodotes levicarina** Bate, 1888, *Rep. Voy. Challenger*, *Zool.* 24 : 680).

Heterocarpus (masculine) Milne Edwards (A.), 1881, *Ann. Sci. nat., Zool.* (6)11(4) : 8 (type species, by original designation : **Heterocarpus ensifer** Milne Edwards (A.), 1881, *Ann. Sci. nat., Zool.* (6)11(4) : 8).

Hippolysmata (feminine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* 1860 : 26 (type species, by monotypy : **Hippolysmata vittata** Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* 1860 : 26).

Hippolyte (feminine) [Leach], [1814], Brewster's *Edinb. Ency.* 7(2) : 431 (type species, by subsequent selection by Leach, [1817] (*Malac. podophth. Brit.* (16) : first page of expl. to pl. 38) : **Hippolyte varians** [Leach], [1814], Brewster's *Edinb. Ency.* 7(2) : 431).

Hymenodora (feminine) Sars (G.O.), 1877, *Arch. Math. Naturvidensk.* 2 : 340 [240] (type species, by monotypy : **Pasiphaë glacialis** Buchholz, 1874, *Zweite Deutsche Nordpolarfahrt* 2 : 279).

Latreutes (masculine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* 1860 : 27 (type species, by selection by Kingsley, 1880 (*Proc. Acad. nat. Sci. Philad.* 1879 : 413) : **Hippolyte ensiferus** Milne Edwards (H.), 1837, *Hist. nat. Crust.* 2 : 374 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Palaemon fucorum* Fabricius, 1798, *Suppl. Ent. Syst.* : 404]).

Leontocaris (feminine) Stebbing, 1905, *Mar. Invest. S. Afr.* 4 : 21, 98 (type species, by monotypy : **Leontocaris paulsoni** Stebbing, 1905, *Mar. Invest. S. Afr.* 4 : 99).

- Leptochela** (feminine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 42 (type species, by selection by Holthuis, 1955 (*Zool. Verhand. Leiden* **26** : 36) : **Leptochela gracilis** Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 42).
- Ligur** (masculine) Sarato, 1885, *Moniteur des Etrangers Nice* **9**(222) : 2 (type species, by monotypy : **Ligur edwardsii** Sarato, 1885, *Moniteur des Etrangers Nice* **9**(222) : 2 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Palemon* [sic] *ensiferus* Risso, 1816, *Hist. nat. Crust. Nice* : 106]).
- Limnocaridella** (feminine) Bouvier, 1913, *Bull. Soc. ent. France* **1913** : 180 (type species, by monotypy : **Limnocaridina alberti** Lenz, 1910, *Wiss. Ergebn. Deutsch. Zentral-Afr. Exped.* 1907—1908 **3**(3) : 12).
- Limnocaridina** (feminine) Calman, 1899, *Proc. zool. Soc. Lond.* **1899** : 704 (type species, by monotypy : **Limnocaridina tanganyikae** Calman, 1899, *Proc. zool. Soc. Lond.* **1899** : 704).
- Merguia** (feminine) Kemp, 1914, *Rec. Indian Mus.* **10** : 121 (type species, by monotypy : **Hippolyte oligodon** De Man, 1888, *J. linn. Soc. Lond.*, *Zool.* **22** : 277).
- Merhippolyte** (feminine) Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 577, 618 (type species by original designation : **Merhippolyte agulhasensis** Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 619).
- Micratya** (feminine) Bouvier, 1913, *Bull. Soc. ent. France* **1913** : 181 (type species, by monotypy : **Atya poeyi** Guérin-Méneville, 1856, in Sagra (R. de la), *Hist. Cuba*, *Hist. nat.* **7** : xviii).
- Mimocaris** (feminine) Nobili, 1903, *Boll. Mus. Zool. Anat. comp. Torino* **18**(447) : 5 (type species, by monotypy : **Mimocaris heterocarpoides** Nobili, 1903, *Boll. Mus. Zool. Anat. comp. Torino* **18**(447) : 6).
- Nauticaris** (feminine) Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 577, 602 (type species, by selection by Calman, 1906 (*Ann. Mag. nat. Hist.* (7)**17** : 31) : **Nauticaris marionis** Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 603).
- Nematocarcinus** (masculine) Milne Edwards (A.), 1881, *Ann. Sci. nat.*, *Zool.* (6)**11**(4) : 14 (type species, by monotypy : **Nematocarcinus cursor** Milne Edwards (A.), 1881, *Ann. Sci. nat.*, *Zool.* (6)**11**(4) : 14).
- Nikoides** (masculine) Paulson, 1875, *Issljed. Rakoobr. Krasn. Morja* (Stud. Crust. Red Sea) : 98 (type species, by monotypy : **Nikoides danae** Paulson, 1875, *Issljed. Rakoobr. Krasn. Morja* (Stud. Crust. Red Sea) : 98).

- Notocrangon** (feminine) Coutière, 1900, *C. R. Acad. Sci.*, Paris, **130** : 1640 (type species, by monotypy : **Crangon antarcticus** Pfeffer, 1887, *Jahrb. Hamb. wiss. Anst.* **4** : 45).
- Notostomus** (masculine) Milne Edwards (A.), 1881, *Ann. Sci. nat.*, Zool. (6)**11**(4) : 7 (type species, by original designation : **Notostomus gibbosus** Milne Edwards (A.), 1881, *Ann. Sci. nat.*, Zool. (6)**11**(4) : 7).
- Ogyrides** (masculine) Stebbing, 1914, *Ann. S. Afr. Mus.* **15** : 31 (substitute name for *Ogyris* Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 36, an invalid junior homonym of *Ogyris* Westwood, [1851], in Doubleday, *Gen. diurn. Lep.* (2) : pl. 75, fig. 8) (type species, by monotypy for *Ogyris* Stimpson, 1860 : **Ogyris orientalis** Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 36).
- Oplophorus** (masculine) Milne Edwards (H.), 1837, *Hist. nat. Crust.* **2** : 423 (type species, by indication under Rule (b) in Article 30 : **Oplophorus typus** Milne Edwards (H.), 1837, *Hist. nat. Crust.* **2** : 424).
- Palaemonella** (feminine) Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 17 (type species, by selection by Kingsley, 1880 (*Proc. Acad. nat. Sci. Philad.* **1879** : 425) : **Palaemonella tenuipes** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 25).
- Palaemonetes** (masculine) Heller, 1869, *Z. wiss. zool.* **19** : 157, 161 (type species, by monotypy : **Palaemon varians** [Leach], [1814], Brewster's *Edinb. Ency.* **7**(2) : 432).
- Palaemonias** (masculine) Hay, 1901, *Proc. biol. Soc. Wash.* **14** : 179 (type species by monotypy : **Palaemonias ganteri** Hay, 1901, *Proc. biol. Soc. Wash.* **14** : 180).
- Pandalina** (feminine) Calman, 1899, *Ann. Mag. nat. Hist.* (7)**3** : 37 (type species, by monotypy : **Pandalus brevirostris** Rathke, 1843, *Nova Acta Acad. Leop. Carol.* **20**(1) : 17).
- Pantomus** (masculine) Milne Edwards (A.), 1883, *Rec. Fig. Crust. nouv. peu conn.* : pl. 26, fig. 1 (type species, by monotypy : **Pantomus parvulus** Milne Edwards (A.), 1883, *Rec. Fig. Crust. nouv. peu conn.* : pl. 26, fig. 1).
- Paracrangon** (feminine) Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 16, 20 (type species, by monotypy : **Paracrangon echinatus** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 20).
- Paralatreutes** (masculine) Kemp, 1925, *Rec. Indian Mus.* **27** : 334 (type species, by monotypy : **Paralatreutes bicornis** Kemp, 1925, *Rec. Indian Mus.* **27** : 334).

- Parapandalus** (masculine) Borradaile, 1899, *Willey's Zool. Res.* (4) : 411 (type species, by selection by Alcock, 1901 (*Descr. Catal. Indian Deep-Sea Crust. Decap. Macr. Anom.* : 94) : **Pandalus** (**Parapandalus**) **serratifrons** Borradaile, 1899, *Willey's Zool. Res.* (4) : 411 [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Plesionika spinipes* Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 646].
- Parapasiphaë** (feminine) Smith (S.I.), 1884, *Rep. U.S. Fish Comm.* **10** : 383 (type species, by selection by Fowler, 1912 (*Ann. Rep. New Jersey State Mus.* **1911** : 547) : **Parapasiphaë** **sulcatifrons** Smith (S.I.), 1884, *Rep. U.S. Fish Comm.* **10** : 384).
- Paratya** (feminine) Miers, 1882, *Ann. Mag. nat. Hist.* (5) **9** : 194 (type species, by monotypy : **Ephyra compressa** De Haan, [1849], *Fauna japon.*, *Crust.* (6/7) : pl. 46, fig. 7).
- Paratypton** (masculine) Balss, 1914, *Zool. Anz.* **45** : 83 (type species, by monotypy : **Paratypton siebenrocki** Balss, 1914, *Zool. Anz.* **45** : 84).
- Pasiphaea** (feminine) Savigny, 1816, *Mém. Anim. sans Vertèbr.* **1** : 50 (type species, by monotypy : **Alpheus sivado** Risso, 1816, *Hist. nat. Crust. Nice* : 93).
- Periclimenaeus** (masculine) Borradaile, 1915, *Ann. Mag. nat. Hist.* (8) **15** : 207 (type species, by selection by Borradaile, 1917 (*Trans. linn. Soc. Lond.*, *Zool.* (2) **17** : 378) : **Periclimenaeus robustus** Borradaile, 1915, *Ann. Mag. nat. Hist.* (8) **15** : 213).
- Periclimenes** (masculine) Costa, 1844, *Ann. Accad. Aspir. Nat. Napoli* **2** : 290 (type species, by monotypy : **Periclimenes insignis** Costa, 1844, *Ann. Accad. Aspir. Nat. Napoli* **2** : 291 [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Alpheus amethystea* Risso, 1826, *Hist. nat. Europ. mérid.* **5** : 77]).
- Phycocaris** (feminine) Kemp, 1916, *Rec. Indian Mus.* **12** : 391 (type species, by monotypy : **Phycocaris simulans** Kemp, 1916, *Rec. Indian Mus.* **12** : 392).
- Phyllognathia** (feminine) Borradaile, 1915, *Ann. Mag. nat. Hist.* (8) **15** : 205, 206 (type species, by monotypy : **Hymenocera** (?) **ceratophthalma** Balss, 1913, *Zool. Anz.* **42** : 236).
- Plesionika** (feminine) Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 626, 640 (type species, by selection by Alcock, 1901 (*Descr. Catal. Indian Deep-Sea Crust. Decap. Macr. Anom.* : 93) : **Plesionika uniproducta** Bate, 1888, *Rep. Voy. Challenger*, *Zool.* **24** : 641 [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Acanthephyra ensis* Milne Edwards (A.), 1881, *Ann. Sci. nat.*, *Zool.* (6) **11**(4) : 14].

- Pontocaris** (feminine) Bate, 1888, *Rep. Voy. Challenger*, Zool. **24** : 495 (type species, by selection by Holthuis, 1947 (*Zool. Meded.* **27** : 320) : **Pontocaris propensalata** Bate, 1888, *Rep. Voy. Challenger*, Zool. **24** : 496).
- Pontonides** (masculine) Borradaile, 1917, *Trans. linn. Soc. Lond.*, Zool. (2)**17** : 387 (type species, by monotypy : **Pontonia maldivensis** Borradaile, 1915, *Ann. Mag. nat. Hist.* (8)**15** : 213).
- Prionocrangon** (feminine) Wood Mason & Alcock, 1891, *Ann. Mag. nat. Hist.* (6)**8** : 361 (type species, by monotypy : **Prionocrangon ommatosteres** Wood Mason & Alcock, 1891, *Ann. Mag. nat. Hist.* (6)**8** : 362).
- Psolidopus** (masculine) Wood Mason & Alcock, 1892, *Ann. Mag. nat. Hist.* (6)**9** : 266 (type species, by selection by Holthuis, 1955 (*Zool. Verhand. Leiden* **26** : 81) : **Psolidopus huxleyi** Wood Mason & Alcock, 1892, *Ann. Mag. nat. Hist.* (6)**9** : 273).
- Psathyrocaris** (feminine) Wood Mason & Alcock, 1893, *Ann. Mag. nat. Hist.* (6)**11** : 168 (type species, by monotypy : **Psathyrocaris fragilis** Wood Mason & Alcock, 1893, *Ann. Mag. nat. Hist.* (6)**11** : 168).
- Pseudopalaemon** (masculine) Sollaud, 1911, *Bull. Mus. Hist. nat.*, Paris **17** : 12, 15 (type species, by monotypy : **Pseudopalaemon bouvieri** Sollaud, 1911, *Bull. Mus. Hist. nat.*, Paris **17** : 12).
- Rhynchocinetes** (masculine) Milne Edwards (H.), 1837, *Ann. Sci. nat.*, Zool. (2)**7** : 168 (type species, by indication under Rule (b) in Article 30 : **Rhynchocinetes typus** Milne Edwards (H.), 1837, *Ann. Sci. nat.*, Zool. (2)**7** : 168).
- Sabinea** (feminine) Ross (J.C.), 1835, *J. Ross's App. Narrat. 2nd Voy. N.W. Passage* : lxxxii (type species, by monotypy : **Crangon septemcarinatus** Sabine, 1824, *Suppl. App. Parry's Voy. N.W. Passage* : ccxxxvi).
- Saron** (masculine) Thallwitz, 1891, *Zool. Anz.* **14** : 99 (type species, by monotypy : **Hippolyte gibberosus** Milne Edwards (H.), 1837, *Hist. nat. Crust.* **2** : 378 [*Note* (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Palaemon marmoratus* Olivier, 1811, *Ency. méth. Hist. nat.* **8** : 663]).
- Sclerocrangon** (feminine) Sars (G.O.), 1883 (sep. 1882), *Forh. Vidensk. Selsk. Christiania* **1882**(18) : 7, 45 (type species, by monotypy : **Cancer boreas** Phipps, 1774, *Voy. North Pole* : 190).
- Stegopontonia** (feminine) Nobili, 1906, *Bull. Mus. Hist. nat.*, Paris, **12** : 258 (type species, by monotypy : **Stegopontonia commensalis** Nobili, 1906, *Bull. Mus. Hist. nat.*, Paris **12** : 258).

Stylodactylus (masculine) Milne Edwards (A.), 1881, *Ann. Sci. nat.*, Zool. (6)11(4) : 11 (type species, by monotypy : **Stylodactylus serratus** Milne Edwards (A.), 1881, *Ann. Sci. nat.*, Zool. (6)11(4) : 11).

Synalpheus (masculine) Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 572 (type species, by monotypy : **Synalpheus falcatus** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 574 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Alpheus comatularum* Haswell, 1882, *Proc. linn. Soc. New S. Wales* 6 : 762]).

Syncaris (feminine) Holmes, 1900, *Occ. Pap. Calif. Acad. Sci.* 7 : 211 (type species, by original designation : **Miersia pacifica** Holmes, 1895, *Proc. Calif. Acad. Sci.* (2)4 : 577).

Systellaspis (feminine) Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 757 (type species, by original designation : **Systellaspis lanceocaudata** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 758).

Thalassocaris (feminine) Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* 1860 : 42 (substitute name for *Regulus* Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 18, a junior homonym of *Regulus* Cuvier (G.L.C.F.D.), 1800, *Leçons Anat. comp.* 1 : Tab. 2) (type species, by selection by Kingsley, 1880, *Proc. Acad. nat. Sci. Philad.* 1879 : 426) : **Regulus lucidus** Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 27).

Thaumastocaris (feminine) Kemp, 1922, *Rec. Indian Mus.* 24 : 244 (type species, by monotypy : **Thaumastocaris streptopus** Kemp, 1922, *Rec. Indian Mus.* 24 : 244).

Thor (masculine) Kingsley, 1878, *Proc. Acad. nat. Sci. Philad.* 1878 : 94 (type species, by monotypy : **Thor floridanus** Kingsley, 1878, *Proc. Acad. nat. Sci. Philad.* 1878 : 95).

Trachycaris (feminine) Calman, 1906, *Ann. Mag. nat. Hist.* (7)17 : 31, 33 (type species, by monotypy : **Platybema rugosus** Bate, 1888, *Rep. Voy. Challenger*, Zool. 24 : 579 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Hippolyte restricta* Milne Edwards (A.), 1878, *Bull. Sci. Soc. philomat. Paris* (7)2 : 231]).

Troglocaris (feminine) Dormitzer, 1853, *Lotos* 3 : 85 (type species, by monotypy : **Troglocaris schmidtii** Dormitzer, 1853, *Lotos* 3 : 85 [Note (not for inclusion in the *Official List*) : This name is a junior subjective synonym of *Palaemon anophthalmus* Kollar, 1848, *S. B. Akad. Wiss. Wien* 1 : 137]).

Typhlocaris (feminine) Calman, 1909, *Trans. linn. Soc. Lond.*, Zool. (2)11 : 93, 94 (type species, by monotypy : **Typhlocaris galilea** Calman 1909, *Trans. linn. Soc. Lond.*, Zool. (2)11 : 93).

Typton (masculine) Costa, 1844, *Ann. Accad. Aspir. Nat. Napoli* **2** : 288 (type species, by monotypy : **Typton spongicola** Costa, 1844, *Ann. Accad. Aspir. Nat. Napoli* **2** : 289).

Xiphocaris (feminine) Von Martens, 1872, *Arch. Naturgesch.* **38**(1) : 139 (type species, by monotypy : **Hippolyte elongatus** Guérin-Méneville, 1856, in Sagra (R. de la), *Historia Cuba*, Hist. nat. **7** : xx).

4. At the time when I submitted the present application to the Commission, I included in it proposals for the addition to the *Official List* of the names of four other genera, each of which has the termination “-opsis”. These names were : (1) *Alpheopsis* Coutière, 1897 ; (2) *Caridinopsis* Bouvier, 1912 ; (3) *Pandalopsis* Bate, 1888 ; (4) *Pontoniopsis* Borradaile, 1915. These names, like other generic names with the same termination in the Order Decapoda, are invariably treated as being masculine in gender and I accordingly recommended that this gender should be attributed to them when placed on the *Official List*. Recently, Mr. Francis Hemming, as Secretary, has drawn my attention to the decision by the Fourteenth International Congress of Zoology, Copenhagen, 1953, that generic names having the foregoing termination are to be treated as being feminine in gender (1953, *Copenhagen Decisions zool. Nomencl.* : 51, *Decision* 84(7)(b)(iii)). Mr. Hemming has informed me also that the problem of the gender to be attributed to generic names in the Decapoda having this termination has arisen in regard to certain such names which were placed on the *Official List of Generic Names in Zoology* in the period prior to the Lisbon Congress and to which therefore a gender must now be assigned by the Commission. Mr. Hemming has further informed me that in view of the clash in this case between linguistic considerations and the general practice of carcinologists, it is his intention to take the directions of the Commission separately in regard to the gender to be assigned to the generic names referred to above.¹ It is evident that, whatever decision is taken by the Commission on the foregoing names will need to apply also to the four names of this group which I had originally included in the present application. At Mr. Hemming's suggestion, I have therefore withdrawn from the present application my proposals in regard to the four names cited above.

5. It is recommended that the specific names of the type species of the genera specified in paragraph 3 above should be placed on the *Official List of Specific Names in Zoology*, in so far as these names are valid and at the same time are the oldest available names for the species concerned. The following list gives in the first column the specific names which fulfil the conditions mentioned above. In the second column is given the original combination in which these names have been used. In this column the spelling both of the specific and of the generic names is

¹ The application here referred to was published on 7th July 1955 (*Bull. zool. Nomencl.* **11** : 260-262).

emended in accordance with the *Règles* as amended by the International Congress of Zoology, Copenhagen, 1953, and conform with the suggestions made in paragraph 2 of the present proposal. In column (3) is given the name of the genus of which the species cited in column (1) is the type species.

Specific Name (1)	Original Combination in which name cited in Col. (1) was published (2)	Genus of which species cited in Col. (1) is the type species (3)
<i>agassizi</i> Coutière, 1901	<i>Coralliocaris agassizi</i>	<i>Coutiereia</i> Nobili, 1901
<i>agulhasensis</i> Bate, 1888	<i>Merhippolyte agulhasensis</i>	<i>Merhippolyte</i> Bate, 1888
<i>alberti</i> Lenz, 1910	<i>Limnocaridina alberti</i>	<i>Limnocaridella</i> Bouvier, 1913
<i>antarcticus</i> Pfeffer, 1887	<i>Crangon antarcticus</i>	<i>Notocrangon</i> Coutière, 1900
<i>atlantica</i> Calman, 1896	<i>Bresilia atlantica</i>	<i>Bresilia</i> Calman, 1896
<i>benedicti</i> Smith (S.I.), 1885	<i>Ephyrina benedicti</i>	<i>Ephyrina</i> Smith (S.I.), 1885
<i>bicornis</i> Kemp, 1925	<i>Paralatreutes bicornis</i>	<i>Paralatreutes</i> Kemp, 1925
<i>bonnieri</i> Caullery, 1896	<i>Dichelopandalus bonnieri</i>	<i>Dichelopandalus</i> Caullery, 1896
<i>boreas</i> Phipps, 1774	<i>Cancer boreas</i>	<i>Sclerocrangon</i> Sars (G.O.), 1883
<i>bouvieri</i> Sollaud, 1911	<i>Pseudopalaemon bouvieri</i>	<i>Pseudopalaemon</i> Sollaud, 1911
<i>brevirostris</i> Rathke, 1843	<i>Pandalus brevirostris</i>	<i>Pandalina</i> Calman, 1899
<i>brevirostris</i> Calman, 1906	<i>Atyella brevirostris</i>	<i>Atyella</i> Calman, 1906
<i>ceratophthalma</i> Balss, 1913	<i>Hymenocera (?) ceratophthalma</i>	<i>Phyllognathia</i> Borra-daile, 1915
<i>commensalis</i> Nobili, 1906	<i>Stegopontonia commensalis</i>	<i>Stegopontonia</i> Nobili, 1906

Specific Name (1)	Original Combination in which name cited in Col. (1) was published (2)	Genus of which species cited in Col. (1) is the type species (3)
<i>compressa</i> De Haan, [1849]	<i>Ephyra compressa</i>	<i>Paratya</i> Miers, 1882
<i>compressus</i> Paulson, 1875	<i>Anchistioides compressus</i>	<i>Anchistioides</i> Paulson, 1875
<i>crassus</i> Milne Edwards (A.), 1881	<i>Gonatonotus crassus</i>	<i>Eugonatonotus</i> Schmitt 1926
<i>cunningtoni</i> Calman, 1906	<i>Caridella cunningtoni</i>	<i>Caridella</i> Calman, 1906
<i>cursor</i> Milne Edwards (A.), 1881	<i>Nematocarcinus cursor</i>	<i>Nematocarcinus</i> Milne Edwards (A.), 1881
<i>danae</i> Paulson, 1875	<i>Nikoides danae</i>	<i>Nikoides</i> Paulson, 1875
<i>dolichognatha</i> De Man, 1888	<i>Automate dolichognatha</i>	<i>Automate</i> De Man, 1888
<i>dorsalis</i> Stimpson, 1860	<i>Arete dorsalis</i>	<i>Arete</i> Stimpson, 1860
<i>echinatus</i> Dana, 1852	<i>Paracrangon echinatus</i>	<i>Paracrangon</i> Dana, 1852
<i>elegans</i> Risso, 1816	<i>Alpheus elegans</i>	<i>Gnathophyllum</i> Latreille, 1819
<i>elongatus</i> Guérin- Ménéville, 1856	<i>Hippolyte elongatus</i>	<i>Xiphocaris</i> Von Martens, 1872
<i>ensifer</i> Milne Edwards (A.), 1881	<i>Heterocarpus ensifer</i>	<i>Heterocarpus</i> Milne Edwards (A.), 1881
<i>floridanus</i> Kingsley, 1878	<i>Thor floridanus</i>	<i>Thor</i> Kingsley, 1878
<i>fragilis</i> Wood Mason & Alcock, 1893	<i>Psathyrocaris fragilis</i>	<i>Psathyrocaris</i> Wood Mason & Alcock, 1893
<i>galilea</i> Calman, 1909	<i>Typhlocaris galilea</i>	<i>Typhlocaris</i> Calman, 1909
<i>ganteri</i> Hay, 1901	<i>Palaemonias ganteri</i>	<i>Palaemonias</i> Hay, 1901
<i>gasti</i> Balss, 1921	<i>Amphipalaemon gasti</i>	<i>Balssia</i> Kemp, 1922
<i>gibbosus</i> Milne Ed- wards (A.), 1881	<i>Notostomus gibbosus</i>	<i>Notostomus</i> Milne Edwards (A.), 1881

Specific Name	Original Combination in which name cited in Col. (1) was published	Genus of which species cited in Col. (1) is the type species
(1)	(2)	(3)
<i>glacialis</i> Buchholz, 1874	<i>Pasiphaë glacialis</i>	<i>Hymenodora</i> Sars (G.O.), 1877
<i>gordoni</i> Bate, 1858	<i>Hippolyte gordoni</i>	<i>Caridion</i> Goës, 1863
<i>gracilis</i> Balss, 1914	<i>Chlorotocella gracilis</i>	<i>Chlorotocella</i> Balss, 1914
<i>gracilis</i> Stimpson, 1860	<i>Leptochela gracilis</i>	<i>Leptochela</i> Stimpson, 1860
<i>heterocarpoides</i> Nobili, 1903	<i>Mimocaris</i> <i>heterocarpoides</i>	<i>Mimocaris</i> Nobili, 1903
<i>huxleyi</i> Wood Mason & Alcock, 1892	<i>Psalidopus huxleyi</i>	<i>Psalidopus</i> Wood Mason & Alcock, 1892
<i>lanceocaudata</i> Bate, 1888	<i>Systellaspis</i> <i>lanceocaudata</i>	<i>Systellaspis</i> Bate, 1888
<i>lar</i> Owen, 1839	<i>Crangon lar</i>	<i>Argis</i> Krøyer, 1842
<i>levicarina</i> Bate, 1888	<i>Dorodotes levicarina</i>	<i>Heterocarpoides</i> De Man, 1917
<i>lucidus</i> Dana, 1852	<i>Regulus lucidus</i>	<i>Thalassocaris</i> Stimp- son, 1860
<i>maldivensis</i> Borradaile, 1915	<i>Pontonia maldivensis</i>	<i>Pontonides</i> Borra- daile, 1917
<i>marionis</i> Bate, 1888	<i>Nauticaris marionis</i>	<i>Nauticaris</i> Bate, 1888
<i>marocana</i> Bouvier, 1912	<i>Dugastella marocana</i>	<i>Dugastella</i> Bouvier, 1912
<i>miersi</i> De Man, 1888	<i>Harpilius miersi</i>	<i>Anchistus</i> Borradaile, 1898
<i>nitescens</i> [Leach], [1814]	<i>Palaemon nitescens</i>	<i>Athanas</i> [Leach], [1814]
<i>oligodon</i> De Man, 1888	<i>Hippolyte oligodon</i>	<i>Merguia</i> Kemp, 1914
<i>ommatosteres</i> Wood Mason & Alcock, 1891	<i>Prionocrangon</i> <i>ommatosteres</i>	<i>Prionocrangon</i> Wood Mason & Alcock, 1891
<i>orientalis</i> Stimpson, 1860	<i>Ogyris orientalis</i>	<i>Ogyrides</i> Stebbing, 1914

Specific Name	Original Combination in which name cited in Col. (1) was published	Genus of which species cited in Col. (1) is the type species
(1)	(2)	(3)
<i>pacifica</i> Holmes, 1895	<i>Miersia pacifica</i>	<i>Syncaris</i> Holmes, 1900
<i>palpator</i> Owen, 1839	<i>Hippolyte palpator</i>	<i>Heptacarpus</i> Holmes, 1900
<i>paronai</i> (correction of <i>paronae</i>) Nobili, 1905	<i>Latreutes paronae</i>	<i>Gelastocaris</i> Kemp, 1914
<i>parvulus</i> Milne Edwards (A.), 1883	<i>Pantomus parvulus</i>	<i>Pantomus</i> Milne Edwards (A.), 1883
<i>paulsoni</i> Stebbing, 1905	<i>Leontocaris paulsoni</i>	<i>Leontocaris</i> Stebbing, 1905
<i>poeyi</i> Guérin- Méneville, 1856	<i>Atya poeyi</i>	<i>Micratya</i> Bouvier, 1913
<i>propensalata</i> Bate, 1888	<i>Pontocaris</i> <i>propensalata</i>	<i>Pontocaris</i> Bate, 1888
<i>pygmaea</i> Sars (G.O.), 1870	<i>Cryptocheles pygmaea</i>	<i>Cryptocheles</i> Sars (G.O.), 1870
<i>reflexus</i> Bate, 1888	<i>Dorodotes reflexus</i>	<i>Dorodotes</i> Bate, 1888
<i>robustus</i> Borradaile, 1915	<i>Periclimenaeus</i> <i>robustus</i>	<i>Periclimenaeus</i> Borradaile, 1915
<i>sachalinensis</i> Brashnikov, 1903	<i>Birulia</i> <i>sachalinensis</i>	<i>Birulia</i> Brashnikov, 1903
<i>scaber</i> Leach, 1815	<i>Atys scaber</i>	<i>Atya</i> Leach, 1816
<i>semistriatus</i> Bate, 1888	<i>Campylonotus</i> <i>semistriatus</i>	<i>Campylonotus</i> Bate, 1888
<i>septemcarinatus</i> Sabine, 1824	<i>Crangon</i> <i>septemcarinatus</i>	<i>Sabinea</i> Ross (J.C.), 1835
<i>serratus</i> Milne Edwards (A.), 1881	<i>Stylodactylus</i> <i>serratus</i>	<i>Stylodactylus</i> Milne Edwards (A.), 1881
<i>siebenrocki</i> Balss, 1914	<i>Paratypton</i> <i>siebenrocki</i>	<i>Paratypton</i> Balss, 1914
<i>simplicirostris</i> Sars (G.O.), 1870	<i>Bythocaris</i> <i>simplicirostris</i>	<i>Bythocaris</i> Sars (G.O.), 1870
<i>simulans</i> Kemp, 1916	<i>Phycocaris simulans</i>	<i>Phycocaris</i> Kemp, 1916
<i>sivado</i> Risso, 1816	<i>Alpheus sivado</i>	<i>Pasiphaea</i> Savigny, 1816

Specific Name	Original Combination in which name cited in Col. (1) was published	Genus of which species cited in Col. (1) is the type species
(1)	(2)	(3)
<i>spinicauda</i> Milne Edwards (A.), 1881	<i>Glyphocrangon</i> <i>spinicauda</i>	<i>Glyphocrangon</i> Milne Edwards (A.), 1881
<i>spinicauda</i> De Man, 1902	<i>Chlorotocus</i> <i>spinicauda</i>	<i>Chlorotocoides</i> Kemp, 1925
<i>spongicola</i> Costa, 1844	<i>Typton spongicola</i>	<i>Typton</i> Costa, 1844
<i>streptopus</i> Kemp, 1922	<i>Thaumastocaris</i> <i>streptopus</i>	<i>Thaumastocaris</i> Kemp, 1922
<i>sulcatifrons</i> Smith (S.I.), 1884	<i>Parapasiphaë</i> <i>sulcatifrons</i>	<i>Parapasiphaë</i> Smith (S.I.), 1884
<i>superbus</i> Dana, 1852	<i>Oedipus superbus</i>	<i>Coralliocaris</i> Stimpson, 1860
<i>symbiotes</i> Kemp, 1922	<i>Dasycaris symbiotes</i>	<i>Dasycaris</i> Kemp, 1922
<i>tanganyikae</i> Calman, 1899	<i>Limnocaridina</i> <i>tanganyikae</i>	<i>Limnocaridina</i> Calman, 1899
<i>tenuipes</i> Dana, 1852	<i>Palaemonella</i> <i>tenuipes</i>	<i>Palaemonella</i> Dana, 1852
<i>trispinosus</i> Aurivillius, 1898	<i>Palaemonetes</i> <i>trispinosus</i>	<i>Desmocaris</i> Sollaud, 1911
<i>truncatus</i> Dana, 1852	<i>Betaeus truncatus</i>	<i>Betaeus</i> Dana, 1852
<i>tuberculatus</i> Bate, 1888	<i>Chorismus</i> <i>tuberculatus</i>	<i>Chorismus</i> Bate, 1888
<i>typus</i> Milne Edwards (H.), 1837	<i>Caridina typus</i>	<i>Caridina</i> Milne Edwards (H.), 1837
<i>typus</i> Milne Edwards (H.), 1837	<i>Oplophorus typus</i>	<i>Oplophorus</i> Milne Edwards (H.), 1837
<i>typus</i> Milne Edwards (H.), 1837	<i>Rhynchocinetes typus</i>	<i>Rhynchocinetes</i> Milne Edwards (H.), 1837
<i>varians</i> [Leach], [1814]	<i>Hippolyte varians</i>	<i>Hippolyte</i> [Leach], [1814]
<i>varians</i> [Leach], [1814]	<i>Palaemon varians</i>	<i>Palaemonetes</i> Heller, 1869
<i>vittata</i> Stimpson, 1860	<i>Hippolysmata vittata</i>	<i>Hippolysmata</i> Stimpson, 1860
<i>zimmeri</i> Balss, 1914	<i>Bathypalaemonella</i> <i>zimmeri</i>	<i>Bathypalaemonella</i> Balss, 1914

6. In the case of fourteen of the genera enumerated in paragraph 3 of the present application, the name of the nominal species, which is the type species of the genus concerned is not accepted by specialists as the oldest available name for the taxonomic species represented by the nominal species in question. These cases are :—

Name of the genus	Name of nominal species which is the type species of the genus specified in the first column	Oldest available name for the species specified in the second column
(1)	(2)	(3)
<i>Alope</i> White, 1847	<i>Alope palpalis</i> White, 1847	<i>Hippolyte spinifrons</i> Milne Edwards (H.), 1837
<i>Barbouria</i> Rathbun, 1912	<i>Barbouria poeyi</i> Rathbun, 1912	<i>Hippolyte cubensis</i> Von Martens, 1872
<i>Brachycarpus</i> Bate, 1888	<i>Brachycarpus savignyi</i> Bate, 1888	<i>Palaemon biunguiculatus</i> Lucas, 1849
<i>Chlorocurtis</i> Kemp, 1925	<i>Chlorocurtis miser</i> Kemp, 1925	<i>Virbius</i> (?) <i>jactans</i> Nobili, 1904
<i>Chlorotocus</i> Milne Edwards (A.), 1882	<i>Chlorotocus gracilipes</i> Milne Edwards (A.), 1882	<i>Pandalus crassicornis</i> Costa, 1871
<i>Latreutes</i> Stimpson, 1860	<i>Hippolyte ensiferus</i> Milne Edwards (H.), 1837	<i>Palaemon fucorum</i> Fabricius, 1798
<i>Ligur</i> Sarato 1885	<i>Ligur edwardsii</i> Sarato, 1885	<i>Palemon</i> [sic] <i>ensiferus</i> Risso, 1816
<i>Parapandalus</i> Borradaile, 1899	<i>Pandalus</i> (<i>Parapandalus</i>) <i>serratifrons</i> Borradaile, 1899	<i>Plesionika spinipes</i> Bate, 1888
<i>Periclimenes</i> Costa, 1844	<i>Periclimenes insignis</i> Costa, 1844	<i>Alpheus amethystea</i> Risso, 1826
<i>Plesionika</i> Bate, 1888	<i>Plesionika uniproduca</i> Bate, 1888	<i>AcanthePHYRA ensis</i> Milne Edwards (A.), 1881

Name of the genus	Name of nominal species which is the type species of the genus specified in the first column	Oldest available name for the species specified in the second column
(1)	(2)	(3)
<i>Saron</i> Thallwitz, 1891	<i>Hippolyte gibberosus</i> Milne Edwards (H.), 1837	<i>Palaemon marmoratus</i> Olivier, 1811
<i>Synalpheus</i> Bate, 1888	<i>Synalpheus falcatus</i> Bate, 1888	<i>Alpheus comatularum</i> Haswell, 1882
<i>Trachycaris</i> Calman, 1906	<i>Platybema rugosus</i> Bate, 1888	<i>Hippolyte restricta</i> Milne Edwards (A.), 1878
<i>Troglocaris</i> Dormitzer, 1853	<i>Troglocaris schmidtii</i> Dormitzer, 1853	<i>Palaemon anophthalmus</i> Kollar, 1848

7. The concrete proposals which I now submit for consideration are that the Commission should :—

(1) use its Plenary Powers :—

- (a) to validate the emendation “ *Gnathophyllum* ” of the generic name originally published as *Gnatophyllum* by Latreille in 1819 ;
- (b) to direct the family-group name HIPPOLYTIDAE Bate, 1888, be protected from its senior subjective synonyms LYSMATINAE Dana, 1852, and THORINAE Kingsley, 1878, in the manner specified in paragraph 2(11) of the present application ;
- (c) to suppress the family-group name GOMPHONOTIDAE Chace, 1936, for the purposes of the Law of Priority but not for those of the Law of Homonymy ;

(2) rule that the specific name *paronae* Nobili, 1905, as published in the combination *Latreutes paronae*, being a name based upon the modern patronymic “ Parona ” is, under the *Règles*, subject to automatic correction to *paronai* ;

(3) place on the *Official List of Generic Names in Zoology* the one hundred and two generic names enumerated in paragraph 3 of the present application with the particulars there specified ;

(4) place on the *Official List of Specific Names in Zoology* :—

- (a) the eighty-eight specific names specified in paragraph 5 of the present application ;

(b) the specific names of the fourteen nominal species listed in Column (3) in paragraph 6 of the present application ;

(5) place the under-mentioned generic names on the *Official Index of Rejected and Invalid Generic Names in Zoology* :—

(a) *Atys* Leach, 1815, *Trans. linn. Soc. Lond.* **11** : 345 (a junior homonym of *Atys* de Montfort, 1810 *Conch.* **2** : 342) ;

(b) *Balssiola* Strand, 1922, *Arch. Naturgesch.* **88** (A4) : 142 (substitute name for *Calmania* Bouvier, 1909) (a junior objective synonym of *Micratya* Bouvier, 1913, *Bull. Soc. ent. France* **1913** : 181) ;

(c) *Calmania* Bouvier, 1909, *C. R. Acad. Sci., Paris* **148** : 1730 (a junior homonym of *Calmania* Laurie, 1906, in Herdman, *Rep. Ceylon Pearl Fish.* **5** : 406) ;

(d) *Doryphorus* Norman, 1861, *Ann. Mag. nat. Hist.* (3)**8** : 27 (a junior homonym of *Doryphorus* Cuvier, 1829) ;

(e) *Drimo* Risso, 1826, *Hist. nat. Europ. mérid.* **5** : 70 (type species, by monotypy : *Alpheus elegans* Risso, 1816, *Hist. nat. Crust. Nice* : 92) (a junior objective synonym of *Gnathophyllum* Latreille, 1819) ;

(f) *Gnathophyllum* Latreille, 1819, *Nouv. Dict. Hist. nat.* (ed. 2) **30** : 72 (an Invalid Original Spelling of *Gnathophyllum* Latreille, 1819) ;

(g) *Gomphonotus* Chace, 1936, *J. Wash. Acad. Sci.* **26** : 25 (substitute name for *Gonatonotus* Milne Edwards (A.), 1881) (a junior objective synonym of *Eugonatonotus* Schmitt, 1926) ;

(h) *Gonatonotus* Milne Edwards (A.), 1881, *Ann. Sci. nat., Zool.* (6)**4**(4) : 10 (a junior homonym of *Gonatonotus* Adams & White, 1847) ;

(i) *Hoplophorus* Agassiz (J.L.R.), 1846, *Nomencl. zool. Index Univ.* : 185, 262 (an Invalid Emendation of *Oplophorus* Milne Edwards (H.), 1837) ;

(j) *Nectocrangon* Brandt, 1851, Middendorff's *Reise Sibir.* **2**(1) : 114 (type species, by monotypy : *Crangon* lar Owen, 1839, *Zool. Beechey's Voy. Blossom* : 88) (a junior objective synonym of *Argis* Krøyer, 1842) ;

(k) *Oedipus* Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 17 (a junior homonym of *Oedipus* Berthold, 1827, and replaced by *Coralliocaris* Stimpson, 1860) ;

(l) *Ogyris* Stimpson, 1860, *Proc. Acad. nat. Sci. Philad.* **1860** : 36 (a junior homonym of *Ogyris* Westwood, 1851, and replaced by *Ogyrides* Stebbing, 1914) ;

- (m) *Pasiphae* Krøyer, 1845, *Naturhist. Tidsskr.* (n.s.) **1** : 453 (an Invalid Emendation of *Pasiphaea* Savigny, 1816) ;
 - (n) *Pasiphaeia* Faxon, 1895, *Mem. Mus. comp. Zool.* **18** : 173 (an Invalid Emendation of *Pasiphaea* Savigny, 1816) ;
 - (o) *Regulus* Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 18, 27 (a junior homonym of *Regulus* Cuvier (G.L.C.F.D.), 1800, and replaced by *Thalassocaris* Stimpson, 1860) ;
 - (p) *Tridacnocaris* Nobili, 1899, *Ann. Mus. civ. Stor. nat. Genova* **40** : 235 (substitute name for *Anchistus* Borradaile, 1898) (a junior objective synonym of *Anchistus* Borradaile, 1898) ;
 - (q) *Xiphocaridina* Bouvier, 1909, *C. R. Acad. Sci., Paris* **148** : 1729 (type species, by selection by Holthuis, 1955 (*Zool. Verhand. Leiden* **26** : 21) : *Ephyra compressa* De Haan, [1849], *Fauna japon.*, Crust. (6/7) : pl. 46, fig. 7) (a junior objective synonym of *Paratya* Miers, 1882).
- (6) place the under-mentioned names on the *Official List of Family-Group Names in Zoology* :—
- (a) ATYIDAE (correction by Dana (1852, *Proc. Acad. nat. Sci. Philad.* **6** : 13, 16) of ATYADEA) De Haan, [1849], *Fauna japon.*, Crust. (6) : 168, 184 (type genus : *Atya* Leach, 1816) ;
 - (b) BRESILIIDAE Calman, 1896, *Trans. Roy. Irish Acad.* **31** : 7 (type genus : *Breslia* Calman, 1896) ;
 - (c) CAMPYLONOTIDAE Sollaud, 1913, *Bull. Mus. Hist. nat., Paris* **19** : 184 (type genus : *Campylonotus* Bate, 1888) ;
 - (d) EUGONATONOTIDAE Chace, 1937, *Proc. New Engl. zool. Cl.* **16** : 15 (type genus : *Eugonatonotus* Schmitt, 1926, as proposed to be validated under the Plenary Powers) ;
 - (e) GLYPHOCRANGONIDAE Smith, 1884, *Rep. U.S. Fish Comm.* **10** : 364 (type genus : *Glyphocrangon* Milne Edwards (A), 1881) ;
 - (f) GNATHOPHYLLINAE Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 16 (type genus : *Gnathophyllum* Latreille, 1819) (first elevated to family rank as GNATHOPHYLLIDAE by Ortmann, 1890, *Zool. Jahrb. Syst.* **5** : 537) ;
 - (g) HIPPOLYTIDAE Bate, 1888, *Rep. Voy. Challenger*, Zool. **24** : xii, xli, 480, 503, 574, 576 (type genus : *Hippolyte* [Leach], [1814]) (a family-group name to be given preference under the Plenary Powers under (1)(b) above over the family-group names LYSMATINAE Dana, 1852, *Proc. Acad. nat. Sci. Philad.* **6** : 16, 20 (type genus : *Lysmata* Risso, 1816) and THORINAE Kingsley, 1878, *Bull. Essex Inst.* **10** : 64 (type genus : *Thor* Kingsley,

- 1878), by any author who may consider the genera *Hippolyte* Leach, *Lysmata* Risso, and/or *Thor* Kingsley as belonging to the same family-group taxon) ;
- (h) NEMATOCARCININAE Smith, 1884, *Rep. U.S. Fish Comm.* 10 : 368 (type genus : *Nematocarcinus* Milne Edwards (A.), 1881) (first elevated to family rank as NEMATOCARCINIDAE by Smith, 1886, *Rep. U.S. Fish Comm.* 13 : 608, 619, 664) ;
 - (i) OPLOPHORINAE Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 18, 27 (type genus : *Oplophorus* Milne Edwards (H.), 1837) (first elevated to family rank as OPLOPHORIDAE by Rathbun, 1902, *Proc. U.S. nat. Mus.* 24 : 904) ;
 - (j) PASIPHAEIDAE Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 13, 18 (type genus : *Pasiphaea* Savigny, 1816) ;
 - (k) PSALIDOPODIDAE Wood Mason & Alcock, 1892, *Ann. Mag. nat. Hist.* (6)9 : 265 (type genus : *Psalidopus* Wood Mason & Alcock, 1892) ;
 - (l) RHYNCHOCINETIDAE Ortmann, 1890, *Zool. Jahrb. Syst.* 5 : 459 (type genus : *Rhynchocinetes* Milne Edwards (H.), 1837) ;
 - (m) STYLODACTYLIDAE Bate, 1888, *Rep. Voy. Challenger*, *Zool.* 24 : 481, 850 (type genus : *Stylodactylus* Milne Edwards (A), 1881) ;
 - (n) THALASSOCARIDIDAE (correction by Holthuis, 1955 (*Zool. Verhand. Leiden.* 26 : 12, 128) of THALASSOCARIDAE) Bate, 1888, *Rep. Voy. Challenger*, *Zool.* 24 : lxxvii, 481, 682 (type genus : *Thalassocaris* Stimpson, 1860) ;
 - (o) TYPHLOCARIDINAE Annandale & Kemp, 1913, *J. asiat. Soc. Bengal* (n.s.) 9(6) : 245 (type genus : *Typhlocaris* Calman, 1909).
- (7) place the under-mentioned names on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* :—
- (a) ATYADEA De Haan, [1849] (type genus : *Atya* Leach, 1816) (an Invalid Original Spelling for ATYIDAE) ;
 - (b) ATTIDAE Yu, 1936, *Chin. J. Zool.* 2 : 88 (an Erroneous Subsequent Spelling for ATYIDAE De Haan, [1849]) ;
 - (c) BRESILIDAE Kemp, 1910, *Sci. Invest. Br. Ireland* 1908(1) : 35 (an Erroneous Subsequent Spelling for BRESILIIDAE Calman, 1896) ;
 - (d) DRIMOIDAE Ortmann, 1896, *Zool. Jahrb. Syst.* 9 : 425 (type genus : *Drimo* Risso, 1826) (invalid because the type genus of the family so named has, as its type species, *Alpheus elegans* Risso, 1816, which is also the type species of *Gnathophyllum* Latreille, 1819 (a name placed

on the *Official List of Generic Names in Zoology* under (2) above), which is the type of the family GNATHOPHYLLIDAE Dana, 1852 (a name placed on the *Official List of Family-Group Names in Zoology* under (6)(f) above) ;

- (e) GOMPHONOTIDAE Chace, 1936, *J. Wash. Acad. Sci.* **26** : 25 (type genus : *Gomphonotus* Chace, 1936) (suppressed under the Plenary Powers under (1)(c) above) ;
- (f) GONATONOTIDAE Gurney, 1941, *J. linn. Soc. Lond., Zool.* **41** : 122 (type genus : *Gonatonotus* Milne Edwards (A.), 1881) (invalid because the type genus of the family so named has, as its type species, *Gonatonotus crassus* Milne Edwards (A.), 1881, which is also the type species of *Eugonatonotus* Schmitt, 1926 (a name placed on the *Official List of Generic Names in Zoology* under (2) above), which is the type genus of the family EUGONATONOTIDAE Chace, 1937 (a name placed on the *Official List of Family-Group Names in Zoology* under (6)(d) above) ;
- (g) HIPPOLYIDAE Yu, 1935, *Chin. J. Zool.* **1** : 43, 45, 47, 49, 51, 53 (an Erroneous Subsequent Spelling for HIPPOLYTIDAE Bate, 1888) ;
- (h) HYPPOLITIDAE Dohrn, 1950, *Pubbl. Sta. zool. Napoli* **22** : 257, 259, 261, 263, 265, 267, 269, 271 (an Erroneous Subsequent Spelling for HIPPOLYTIDAE Bate, 1888) ;
- (i) HOPLOPHORIDAE Faxon, 1895, *Mem. Mus. comp. Zool.* **18** : 159 (an Erroneous Subsequent Spelling for OPLOPHORIDAE Dana, 1852) ;
- (j) OPLOPHAIDAE Guiler, 1952, *Rec. Queen Victoria Mus. Tasmania* **3**(3) : 35 (an Erroneous Subsequent Spelling for OPLOPHORIDAE Dana, 1852) ;
- (k) PASIPHAEIDAE Barnard, 1950, *Ann. S. Afr. Mus.* **38** : 648 (an Erroneous Subsequent Spelling for PASIPHAEIDAE Dana, 1852) ;
- (l) PASIPHAEIIDAE Faxon, 1893, *Bull. Mus. comp. Zool.* **24** : 208 (an Erroneous Subsequent Spelling for PASIPHAEIDAE Dana, 1852) ;
- (m) PASIPHAIDAE Smith, 1884, *Rep. U.S. Fish. Comm.* **10** : 381 (an Erroneous Subsequent Spelling for PASIPHAEIDAE Dana, 1852) ;
- (n) PASIPHAIDAE Wood Mason & Alcock, 1893, *Ann. Mag. nat. Hist* (6) **11** : 161 (an Erroneous Subsequent Spelling of PASIPHAEIDAE Dana, 1852) ;
- (o) PASIPHEIDAE De Miranda y Rivera, 1933, *Not. Res. Inst. Espan. Oceanogr.* (2)**67** : 6 (an Erroneous Subsequent Spelling of PASIPHAEIDAE Dana, 1852) ;

- (p) RHINCOCYNETIDAE Sharp, 1893, *Proc. Acad. nat. Sci. Philad.* **1893** : 118 (an Erroneous Subsequent Spelling of RHYNCHOCINETIDAE Ortmann, 1890) ;
- (q) RHYNCHOCYNETIDAE Borradaile, 1907, *Ann. Mag. nat. Hist.* (7) **19** : 467 (an Erroneous Subsequent Spelling of RHYNCHOCINETIDAE Ortmann, 1890) ;
- (r) RYNCHOCINETIDAE Gurney, 1939, *Ray Soc.* **125** : 72 (an Erroneous Subsequent Spelling of RHYNCHOCINETIDAE Ortmann, 1890) ;
- (s) THALASSOCARIDAE Bate, 1888, *Rep. Voy. Challenger*, Zool. **24** : lxxvii, 481, 682 (an Invalid Original Spelling of THALASSOCARIDIDAE Bate, 1888).

II. THE SUBSEQUENT HISTORY OF THE CASE

2. Registration of the present application : Upon the receipt of Dr. Holthuis's application the question of the placing on the *Official List of Generic Names in Zoology* of one hundred and two genera of Caridea was allotted the Registered Number Z.N.(S.) 622.

3. Publication of the present application : The present application was sent to the printer on 14th March 1955 and was published on 7th July in the same year in Part 7 of Volume 11 of the *Bulletin of Zoological Nomenclature* (Holthuis, 1955, *Bull. zool. Nomencl.* **11** : 204—228).

4. Issue of Public Notices : Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* **4** : 51—56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers in respect of certain of the proposals included in the present case was given on 7th July 1955 (a) in Part 7 of Volume 11 of the *Bulletin of Zoological Nomenclature* (the Part in which Dr. Holthuis's application was published),

and (b) to the other prescribed serial publications. In addition, such Notice was given also to four general zoological serial publications.

5. The emendation "Hopliphorus" Agassiz, 1846, of the generic name "Oplophorus" Milne Edwards (H.), 1837 : In a communication received in the Office of the Commission on 6th September 1955, Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) observed, with reference to the proposal in paragraph 2(9) in Dr. Holthuis's application that the Original Spelling *Oplophorus* Milne Edwards (H.), 1837, should be accepted in preference to the Emendation *Hopliphorus* Agassiz (J.L.R.), 1846, that he would be disposed to accept the emendation published by Agassiz if it could be shown that it was more widely used than the defective Original Spelling *Oplophorus* used by Milne Edwards. On receipt of the foregoing note the Secretary communicated with Dr. Holthuis who on 15th March 1956 replied that a rough count indicated that these two spellings had been used about the same number of times, but that in recent years there had been a tendency for the use of the Original Spelling *Oplophorus* to gain ground on that of the Emendation *Hopliphorus*. The following is the text of the letter received from Dr. Holthuis :—

Thank you for communicating Professor Bradley's comments on this application.

Oplophorus/Hopliphorus : A rough count of the number of authors using these names revealed that about 16 have used *Oplophorus* against 15 using *Hopliphorus*. In the last 30 to 40 years too, both spellings have been used in a practically equal number of cases. There is a tendency for *Oplophorus* to gain ground, however, probably because this is the spelling adopted in Chace's (1936) revision of the genus and his other papers on these animals. I prefer therefore not to amend the spelling *Oplophorus*.

6. Status of the specific name "gordoniana" Bate, 1859, as published in the combination "Hippolyte gordoniana" : In the same communication as that in which he had raised the question of the status of the emendation *Hopliphorus* of the generic name *Oplophorus* Milne Edwards, 1837 (paragraph 5 above) Professor

Chester Bradley suggested that it would be reasonable to take the view that the specific name *gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana*, discussed in paragraph 2(2) in connection with the generic name *Caridion* Goës, 1863, was a junior objective synonym of the specific name *gordoni* Bate, 1858, as published in the combination *Hippolyte gordoni*, and not merely a junior subjective synonym of that name. The question so raised by Professor Bradley was investigated by the Office of the Commission in conjunction with Dr. Holthuis. The results of this examination were embodied by the Secretary in the following Report on 23rd March 1956 :—

On the question of the status of the specific name “ *gordoniana* ” Bate, 1859, as published in the combination “ *Hippolyte gordoniana* ”

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

The present is a Report on the question of the status attributable to the specific name *gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana*, prepared in the light of investigations carried out at my request by Miss D. N. Noakes, B.Sc., of the Office of the Commission, in the light of the suggestion received from Professor J. Chester Bradley that it would be reasonable to regard the foregoing name as a junior objective synonym of the specific name *gordoni* Bate, 1858, as published in the combination *Hippolyte gordoni*, and not merely as a junior subjective synonym of that name.

2. In a case of this kind the first requisite is to compare the original descriptions of the two nominal species concerned. The following are the results obtained by the comparison so made in the present case :—

- (1) *Particulars of the original description of the nominal species “ *Hippolyte gordoni* ” published in 1858*

The name *Hippolyte gordoni* was published in 1858 in a Report of a communication made on behalf of Mr. C. Spence Bate by Professor Kinahan at a meeting of the Dublin University Zoological and Botanical Association. This communication was published in 1858 in Volume 5 (: iv, 51) of the serial entitled *The Natural History Review* in a section headed “ Proceedings of Societies, including . . . the Dublin University Zool. & Bot. Association . . . ”. Bate is not mentioned on page iv where the

name *Hippolyte gordonii* first appears but on page 51 we find the following particulars :—

“ Prof. Kinahan communicated the following description by C. Spence Bate, F.L.S., of :—

‘ A NEW BRITISH HIPPOLYTE ’

[Here follows the description in Latin of the new species *Hippolyte gordonii*.]

“ I have named it after the discoverer, the Rev. G. Gordon of Elgin ”.

(2) *Particulars of the original description of the nominal species “ Hippolyte gordoniana ” published in 1859*

The name *Hippolyte gordoniana* was published as “ *Hippolyte gordoniana* (n.s.) ” in 1859 in Volume 1 (: v, 48) of the *Proceedings of the Dublin University Zoological and Botanical Association*. It appeared without attribution of authorship in the Table of Contents (: v) but on page 48 we find the following particulars :—

“ Prof. Kinahan communicated the following :—

DESCRIPTION OF A NEW BRITISH HIPPOLYTE
(HIPPOLYTE GORDONIANA, n.s.)
by C. Spence Bate, F.L.S.”

[Here follows the description in Latin of the new species *Hippolyte gordoniana*.]

3. Before considering the relationship to one another of the specific names *gordonii* and *gordoniana* discussed above, it must be noted that the extract from page 51 of Volume 5 of *The Natural History Review* given in paragraph 2(1) above, fully establishes the attribution of the name *Hippolyte gordonii* to Bate. It thus disposes of the doubts expressed by Dr. Holthuis in his application (paragraph 2(2)) and confirms his conclusion that Bate and not Kinahan should be treated as the author of this name.

4. The particulars given in paragraph 2 of the present note show clearly also that the account given in 1858 in Volume 5 of the serial *The Natural History Review* and that given in 1859 in Volume 1 of the *Proc. Dublin Univ. zool. bot. Ass.* refer to the same meeting of the Association and therefore to the same communication made to the Association by Professor Kinahan on behalf of Mr. Bate. If any doubt were still to linger in anyone’s mind on this subject, it would immediately be dispelled when it is noted that the Latin description for *Hippolyte gordonii* published in 1858 is word for word the same as the Latin description for *Hippolyte gordoniana* published in 1859. Obviously, what happened in the present case is that following the meeting in question of the Dublin University Zoological and Botanical

Association an account of the proceedings at that meeting was published both in the "Proceedings of Societies" section of the serial *The Natural History Review* and in Volume 1 of the *Proceedings* of the Association. From the number of the volume of the *Proceedings* actually published by the Association itself, it may be concluded that it was at about the time of the meeting in question that the Association decided to discontinue the arrangement under which the proceedings of its meetings had been officially recorded on its behalf in the serial *The Natural History Review* (sponsored jointly by a number of learned bodies including the Association) and instead to publish its own *Proceedings* separately. The duplicate publication of the description of the new species of *Hippolyte* discovered by Mr. Gordon (a) in the *Review* in 1858, and (b) in the Association's *Proceedings* in 1859 must have been due to some lack of co-ordination on the part of the then Secretary of the Association. It is quite clear that the publication of the name *Hippolyte gordonii* Bate in the *Review* was fully authorised by the authorities of the Association and was not due (as has often happened in the case of new names appearing in the "Proceedings of Societies" Sections of other serials) to the inadvertent publication of a new name in anticipation of its publication in the place where it was intended to be published, namely in the official publication of the society or other body before which the communication concerned was made.

5. In the circumstances described above we see not only that the names *Hippolyte gordonii* Bate, 1858, and *Hippolyte gordoniana* Bate, 1859, were based upon the same specimen but that they appeared in the same paper when published in different serials in successive years. Whether the name *gordoniana* published in 1859 was a deliberate emendation by Bate of his name *gordonii* published in the previous year or whether its appearance in print was due only to carelessness on the part of the editor of the *Proceedings* of the Association or on that of the printer of those *Proceedings* is immaterial for the present purposes, the central issue from the point of view of zoological nomenclature being that unquestionably the specific name *gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana*, is a junior objective synonym of the specific name *gordonii* Bate, 1858, as published in the combination *Hippolyte gordonii*. As such, the name *gordoniana* Bate, 1859, is objectively invalid and should be placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* at the same time that the specific name *gordonii* Bate, 1858, is, as proposed by Dr. Holthuis, placed on the corresponding *Official List* of available specific names.

7. The specific name published as "anophtalmus" in combination with the generic name "Palaemon" by Kollar in 1848 : On 19th December 1955 Dr. L. B. Holthuis addressed the

following letter to the Office of the Commission on the question of the spelling to be adopted for the specific name published as *anophtalmus* in combination with the generic name *Palaemon* by Kollar in 1848 :—

I find that in the original description of *Palaemon anophtalmus* Kollar, 1848 (the type species of the genus *Troglocaris* Dormitzer, dealt with in my 1955 application (*Bull. zool. Nomencl.* **11** : 217, 223), the specific name was spelled by Kollar with only one “h”, viz. *anophtalmus*. This grammatical error has been corrected by subsequent authors and I believe that it is in the interest of nomenclature to have this specific name placed on the *Official List* in the corrected spelling *anopthalmus*.

8. No objection received : Apart from the points raised in connection with the status to be accorded to the emendation *Hoplophorus* Agassiz, 1846, and with that of the specific name *gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana* the difficulties in regard to each of which have since been resolved by the action described in paragraphs 5 and 6 above respectively, no objection to any point dealt with in the present application was received from any source.

9. Preparation of a Supplementary Note by the Secretary for submission to the International Commission : On 2nd April 1956 Mr. Hemming, as Secretary prepared the following Supplementary Note for the consideration of the International Commission and directed that this should be attached as Note 4 to the Voting Paper to be submitted to the Commission in the present case (see paragraph 10 below) :—

4. *Two small points :* (1) It has been ascertained that *gordoniana* Bate, 1859 (*Hippolyte*) is a junior objective synonym of *gordoni* Bate, 1858 (*Hippolyte*), type species of *Caridion* (see p. 205) ; it is proposed to put *gordoniana* on the *Official Index of Rejected and Invalid Names*. (2) as regards *Oplophorus* (: 207) Dr. Holthuis has reported that in the last 30—40 years the above spelling and the emendation *Hoplophorus* have been used to almost exactly the same extent but that the use of the Original Spelling *Oplophorus* is tending to increase as the result of its use in Chace's (1936) revision. The recommendation that the

Commission should accept this Valid Original Spelling is accordingly confirmed; it is recommended that the Invalid Emendation *Hoplophorus* be put on the *Official Index*.

III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

10. Issue of Voting Paper V.P.(56)17 : On 25th April 1956 a Voting Paper (V.P.(56)17) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the addition to the *Official List of Generic Names in Zoology* of the names of genera of Caridea (Crustacea, Decapoda) and associated questions set out in Points (1) to (6) in paragraph 7 on pages 223—228 of Volume 11 of the *Bulletin of Zoological Nomenclature* [i.e. in the paragraph numbered as above in the paper reproduced in the first paragraph of the present *Opinion*], as confirmed and supplemented in Note 4 [the text of which has been reproduced in paragraph 9 of the present *Opinion*] annexed to the present Voting Paper."

11. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed Voting Period closed on 25th July 1956.

12. Particulars of the Voting on Voting Paper V.P.(56)17 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(56)17 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Holthuis ; Boschma ; Vokes ; Hering ; Bodenheimer ;
Prantl ; Jaczewski ; Esaki ; do Amaral ; Hankó ;
Dymond ; Bonnet ; Key ; Mayr ; Lemche ; Riley ;
Mertens ; Cabrera ; Stoll ; Sylvester-Bradley ; Tortonese ;
Hemming ; Kühnelt ; Miller ;

(b) *Negative Votes :*

None ;

(c) *On Leave of Absence, one (1) :*

Bradley (J.C.) ;

(d) *Voting Papers not returned :*

None.

13. Declaration of Result of Vote : On 26th July 1956 Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(56)17, signed a Certificate that the Votes cast were as set out in paragraph 12 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

14. Minor rectifications of certain of the proposals submitted in the present case : On 29th January 1957 Mr. Hemming as Secretary executed the following Minute drawing attention to the need for minor rectifications in certain of the proposals submitted in the present case and setting out the action which in each case it had been agreed with Dr. Holthuis was required :

Certain minor rectifications in the recommendations relating to the proposed addition of the names of one hundred and two genera of Caridea (Class Crustacea, Order Decapoda) to the "Official List of Generic Names in Zoology" and matters incidental thereto

By FRANCIS HEMMING, C.M.G., C.B.E.

(Secretary to the International Commission on Zoological Nomenclature)

Following the approval by the International Commission on Zoological Nomenclature by its vote on Voting Paper V.P.(56)17

of the proposal for the addition to the *Official List of Generic Names in Zoology* of the names of one hundred and two genera of Caridea (Class Crustacea, Order Decapoda) and for certain action supplementary thereto submitted by Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (Holthuis, 1955, *Bull. zool. Nomencl.* 11 : 204—228) it appeared to me as Secretary that in view of the very large number of names involved in this case it was desirable, as a preliminary to the preparation of an *Opinion* embodying the decision taken by the Commission, that a detailed re-examination of the various proposals should be carried out in consultation with Dr. Holthuis in order (a) to verify that all the proposals submitted in the body of the application had been duly summarised in the concluding paragraph for inclusion in the forthcoming *Opinion* and (b) to make sure that there were no additional names involved which required to be dealt with under the General Directive relating to the completeness of the coverage of *Opinions* issued to the International Commission by the International Congress of Zoology, supplementary to the two points belonging to this class specified in Note 4 annexed to the Voting Paper referred to above.

2. The foregoing examination has now been completed and has brought to light the following matters to which it is necessary to draw attention :—

- (1) In the case of the binomen *Latreutes paronae* Nobili, 1905, the specific component of which was based upon a modern masculine patronymic of a name consisting of the word "Parona" the Commission was asked to give a Ruling that the incorrectly formed specific name "*paronae*" was subject to automatic correction to "*paronai*". It was further requested that this specific name so amended should be placed on the *Official List of Specific Names in Zoology*. By some inadvertence, however, the Commission was not asked at the same time to place the Invalid Original Spelling *paronae* Nobili, 1905, on the *Official Index of Rejected and Invalid Specific Names in Zoology*.
- (2) In the case of the genus *Troglocaris* Dormitzer, 1853, it was stated in the application that the type species, *Troglocaris schmidtii* Dormitzer, 1853, was currently identified with the earlier established nominal species *Palaemon anophthalmus* Kollar, 1848. The Commission was accordingly asked to place on the *Official List of Specific Names in Zoology* the specific name *anophthalmus* Kollar and not the specific name *schmidtii* Dormitzer. By an oversight, however, attention was not drawn to the fact that the former of these specific names

was originally published with the defective spelling *anophthalmus*. Later, however, Dr. Holthuis notified this omission to the Office of the Commission, at the same time explaining that this erroneous spelling had been corrected by subsequent workers and expressing the view that it was in the interest of stability in nomenclature that, as proposed in his application, the name should be placed on the *Official List* in the emended form *anophthalmus* and not in the incorrect original form *anophthalmus*.

- (3) Reference was made in the application to the generic names *Lysmata* Risso, 1816, and *Thor* Kingsley, 1878, in the discussion referred to in (4) below in connection with the availability of the family-group name HIPPOLYTIDAE Bate, 1888, and it was there stated that both these generic names were in current use. Later in the application a proposal was made for the addition of the name *Thor* Kingsley to the *Official List of Generic Names in Zoology* but no corresponding proposal was made in connection with the name *Lysmata* Risso and no explanation was given for this omission. It is necessary therefore to place on record at this point that this omission was due to the fact that the name *Lysmata* Risso, 1816 (which was published as a substitute for the name *Melicerta* Risso, 1816, invalid as a junior homonym of *Melicerta* Schrank, 1803), is, though currently in use, a junior subjective synonym of the name *Niphea* Rafinesque, 1815. The latter is one of a group of names originally published by Rafinesque which have been either wholly or largely ignored by later authors which in a recent application (application Z.N.(S.) 374, published on 28th September 1956 (Holthuis, 1956, *Bull. zool. Nomencl.* 12 : 227—239))¹ Dr. Holthuis has recommended should be suppressed by the Commission under its Plenary Powers in the interest of stability in zoological nomenclature. In the same application Dr. Holthuis has recommended that, if his proposals in regard to the names published by Rafinesque are approved by the Commission, the name *Lysmata* Risso, 1816, which would then become the oldest available name for the genus concerned, should be placed on the *Official List of Generic Names in Zoology*.

- (4) In connection with the family-group name HIPPOLYTIDAE Bate, 1888, the proposal was submitted that the Commission should use its Plenary Powers to direct that the foregoing family-group name should not be rejected on grounds of priority in favour of either the name LYSMATINAE Dana, 1852, or of the name THORINAE Kingsley, 1878. At the same time the recommendation was submitted that the name HIPPOLYTIDAE Bate, endorsed

¹ A Voting Paper (V.P.(57)34) on the case here referred was issued to the Commission on 4th April 1957.

as above, be placed on the *Official List of Family-Group Names in Zoology*. By inadvertence, however, no corresponding proposal was submitted that there should be added to that *Official List* the names LYSMATINAE Dana and THORINAE Kingsley, each such entry bearing appropriate endorsements prescribing (a) that the name in question was placed on the *Official List* for use by any specialist who might be of the opinion on taxonomic grounds that LYSMATINAE Dana represented a taxon distinct from HIPPOLYTIDAE or, as the case might be, that THORINAE Kingsley represented a taxon distinct both from HIPPOLYTIDAE Bate and from LYSMATINAE Dana, and (b) that the name concerned was not to be used in preference to the name HIPPOLYTIDAE Bate by any author who might take the taxonomic view that the type genus of the nominal family-group taxon concerned should be treated as belonging to the same family-group taxon as *Hippolyte* [Leach], [1814], the type genus of HIPPOLYTIDAE Bate;

- (5) A review of the proposals submitted in relation to the gender to be attributed to the generic names recommended for addition to the *Official List of Generic Names in Zoology* has brought to light one case where a rectification is required. The name concerned is *Caridion* Goës, 1863, for which it was recommended (: 210) that the masculine gender should be attributed. The correct gender, however, for a word having this termination in Latin is, as in Greek, the neuter gender, as in the exactly similar case of the name *Theridion* Walckenaer, 1805 (Class Arachnida), a proposal for the addition of which to the *Official List* is now before the Commission².

3. In the light of the results summarised above carried out by Dr. Holthuis and myself, I am of the opinion that the under-mentioned action should be taken and, as Secretary, I hereby direct that it be so taken :—

- (a) that the specific name *paronae* Nobili, 1905, as published in the combination *Latreutes paronae* (specific name of type species of *Gelastocaris* Kemp, 1914) be placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* as an Invalid Original Spelling for the spelling *paronai*, an automatic correction made under the provisions of Article 14 which has been accepted by the vote taken by the Commission on Voting Paper V.P.(56)17 ;
- (b) that, having regard to the Public Notices issued in regard to the possible use of the Commission's Plenary Powers for certain

² The case here referred to is Application Z.N.(S.) 1008 submitted by Dr. Herbert W. Levi (*University of Wisconsin, Madison, Wisconsin, U.S.A.*) which was published on 9th June 1956 (*Bull. zool. Nomencl.* **12** : 27—30).

purposes in connection with the application now under consideration, the approval given by the Commission by its vote on the Voting Paper referred to above to the acceptance of the name *anophthalmus* Kollar, 1848 (*Palaemon*) for addition to the *Official List of Specific Names in Zoology* is to be treated as having been given under the Plenary Powers and that the original spelling *anophthalmus* be rejected as an Invalid Original Spelling and, as such, placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* ;

(c) that a note be entered on Commission File Z.N.(S.) 374, relating to the proposed suppression under the Plenary Powers of certain long-overlooked generic and specific names published by Rafinesque for Decapod and Stomatopod Crustacea³, that no action on the present application has been taken in regard to the generic name *Lysmata* Risso, 1816, a name which, though involved in the present case, is more directly connected with the problems raised in the application referred to above ;

(d) that the family-group names LYSMATINAE Dana, 1852 (type genus : *Lysmata* Risso, 1816) and THORINAE Kingsley, 1878 (type genus : *Thor* Kingsley, 1878), being names involved in the present case, be placed on the *Official List of Family-Group Names in Zoology*, the entries so to be made on that *List* to bear the endorsements specified in paragraph 2(4) of the present Minute.

(e) that, when the generic name *Caridion* Goës, 1863, is placed on the *Official List of Generic Names in Zoology* in compliance with the vote taken by the Commission on Voting Paper V.P.(56)17, the gender to be attributed to that name be the neuter gender and not the masculine gender as proposed in the application submitted in this case.

15. Preparation of the Ruling given in the present " Opinion " :

On 1st February 1957 Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(56)17, subject to the rectifications specified in the Minute executed by the Secretary on 29th January 1957 (the text of which has been reproduced in the immediately preceding paragraph of the present *Opinion*).

³ See Footnote 1.

16. Original References : The original references for the names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion* as set out below :—

- (1) The references for the generic names placed on the *Official List of Generic Names in Zoology* by Ruling (3) are as set out in paragraph 3 of the application reproduced in the first paragraph of the present *Opinion* (hereinafter referred to as the “ application ”).
- (2) Subject to the qualifications specified below, the references for the specific names placed by Ruling (4) on the *Official List of Specific Names in Zoology*, each of which is the specific name of the type species of a genus, the name of which has been placed on the *Official List of Generic Names in Zoology* by Ruling (3), are as severally specified under the generic name concerned in paragraph 3 of the application :—
 - (a) *compressa*, *Ephyra*, De Haan : The date to be assigned to this name is “ [1849] ” and not “ 1844 ”, the date specified in the application ;
 - (b) *gordoni*, *Hippolyte*, Bate, 1858 : The following revised reference is to be substituted for that given for this name under the heading *Caridion* in paragraph 3 of the application : *Nat. Hist. Rev.*, Dublin 5 : iv.
- (3) The references for the fourteen specific names placed on the *Official List of Specific Names in Zoology* by Ruling (5) are as severally cited under the generic names specified below in paragraph 3 of the application : *Alope* ; *Barbouria* ; *Brachycarpus* ; *Chlorocurtis* ; *Chlorotocus* ; *Latreutes* ; *Ligur* ; *Parapandalus* ; *Peroclimenes* ; *Plesionika* ; *Saron* ; *Synalpheus* ; *Trachycaris* ; *Troglocaris* (under which the specific name is incorrectly stated to have been published with the spelling *anophthalmus* instead of *anophtalmus*, the spelling actually used by Kollar).⁴

⁴ For the correction required in this case see paragraph 3(b) in the Minute executed by the Secretary on 29th January 1957 (reproduced in paragraph 14 of the present *Opinion*).

(4) The references for the generic names placed on the *Official Index of Rejected and Invalid Generic Names in Zoology* by Ruling (6) are as set out in paragraph 7(5) of the application.

(5) The references for the specific names placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* by Ruling (7) are as specified below :—

(a) *anophtalmus*, *Palaemon*, Kollar, 1848 : The reference for this name is as is given for the same name with the spelling *anophthalmus* under *Troglocaris* in paragraph 3 of the application.

(b) *gordoniana*, *Hippolyte*, Bate, 1859 : The following is the reference for this name : *Proc. Dublin Univ. zool. bot. Ass.* 1 : v, 48

(c) *paronae*, *Latreutes*, Nobili, 1905 : The reference for this name is as given under *Gelastocaris* in paragraph 3 of the application.

(6) The references for the family-group names placed on the *Official List of Family-Group Names in Zoology* by Ruling (8) are as follows :—

(a) LYSMATINAE Dana, 1852, *Proc. Acad. nat. Sci. Philad.* 6 : 16, 20

(b) THORINAE Kingsley, 1878, *Bull. Essex Inst.* 10 : 64

(c) all other names specified in the above Ruling, as set out in paragraph 7(6) of the application.

(7) The references for the family-group names placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* by (9) are as set out in paragraph 7(7) of the application.

17. The references for the selection under Rule (g) in Article 30 of type species for genera, the names of which have been placed by Ruling (3) on the *Official List of Generic Names in Zoology*

and there specified as having had their respective type species determined under the foregoing Rule in the above Article are as severally specified under the generic names concerned in paragraph 3 of the present application.

18. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

19. The present *Opinion* shall be known as *Opinion* Four Hundred and Seventy (470) of the International Commission on Zoological Nomenclature.

DONE in London, this First day of February, Nineteen Hundred and Fifty-Seven.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING